

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
 Data File : BG057404.D
 Acq On : 11 May 2023 18:50
 Operator : CG/JU
 Sample : PB152685BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS685

Quant Time: May 11 23:36:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	15943	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	66196	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.980	164	51681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.718	188	129985	20.000	ng/u1	0.00
79) Chrysene-d12	22.030	240	121756	20.000	ng/u1	0.00
88) Perylene-d12	25.525	264	129610	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1917	5.291	ng/uL	0.00
4) Pyridine-d5	4.083	84	26857	23.513	ng/u1	0.00
7) Phenol-d5	7.508	99	41260	27.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	23278	26.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.896	132	30163	30.358	ng/u1	0.00
15) 4-Methylphenol-d8	9.065	113	32969	28.770	ng/u1	0.00
21) Nitrobenzene-d5	9.541	128	15478	29.361	ng/u1	0.00
24) 2-Nitrophenol-d4	10.269	143	19076	31.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.815	165	38277	32.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.332	131	41215	26.199	ng/u1	0.00
46) Dimethylphthalate-d6	14.363	166	122781	29.983	ng/u1	0.00
49) Acenaphthylene-d8	14.675	160	138660	30.127	ng/u1	0.00
54) 4-Nitrophenol-d4	15.168	143	16333	27.401	ng/u1	0.00
60) Fluorene-d10	15.961	176	116200	30.460	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	23565	30.598	ng/u1	0.00
73) Anthracene-d10	17.818	188	181324	30.561	ng/u1	0.00
81) Pyrene-d10	20.085	212	220087	30.453	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.290	264	202310	30.638	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.684	88	4236	11.025	ng/uL#	79
5) Pyridine	4.107	79	29695	24.663	ng/u1	91
6) Benzaldehyde	7.490	77	25122	54.554	ng/u1	90
8) Phenol	7.532	94	43234	28.450	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.761	93	30099	26.464	ng/u1	93
12) 2-Chlorophenol	7.925	128	31634	30.311	ng/u1	98
13) 2-Methylphenol	8.800	108	32778	27.832	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.883	45	35626	24.295	ng/u1	95
16) Acetophenone	9.194	105	54869	27.826	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.165	70	29032	25.621	ng/u1	95
18) 4-Methylphenol	9.135	108	37116	29.116	ng/u1	97
19) Hexachloroethane	9.464	117	13438	30.775	ng/u1	96
22) Nitrobenzene	9.588	77	44139	28.118	ng/u1	99
23) Isophorone	10.104	82	81758	27.374	ng/u1	97
25) 2-Nitrophenol	10.304	139	19603	31.459	ng/u1	95
26) 2,4-Dimethylphenol	10.345	107	40067	28.344	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.574	93	44502	28.665	ng/u1#	98
29) 2,4-Dichlorophenol	10.845	162	36763	32.631	ng/u1	95
30) Naphthalene	11.256	128	109984	30.261	ng/u1	99
32) 4-Chloroaniline	11.356	127	38787	23.663	ng/u1	98
33) Hexachlorobutadiene	11.520	225	30308	31.717	ng/u1	100
34) Caprolactam	12.108	113	9131	24.075	ng/u1	94
35) 4-Chloro-3-methylphenol	12.454	107	41227	31.804	ng/u1	95
36) 2-Methylnaphthalene	12.830	142	80858	30.337	ng/u1	99

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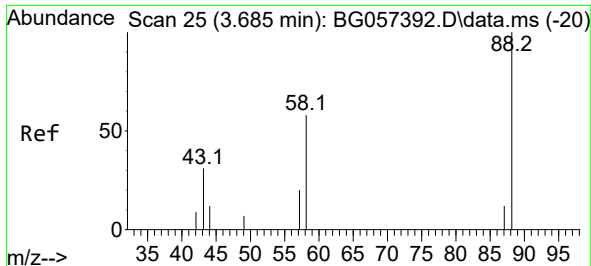
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	82676	30.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.194	216	59539	31.702	ng/ul#	98
40) Hexachlorocyclopentadiene	13.165	237	14453	15.421	ng/ul	95
41) 2,4,6-Trichlorophenol	13.429	196	33913	31.005	ng/ul	98
42) 2,4,5-Trichlorophenol	13.506	196	35622	30.333	ng/ul	93
43) 1,1'-Biphenyl	13.817	154	118843	30.137	ng/ul	98
44) 2-Chloronaphthalene	13.870	162	92735	30.329	ng/ul	99
45) 2-Nitroaniline	14.064	65	27635	29.939	ng/ul	90
47) Dimethylphthalate	14.410	163	122957	29.900	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	27321	32.283	ng/ul	96
50) Acenaphthylene	14.704	152	139332	29.790	ng/ul	98
51) 3-Nitroaniline	14.880	138	24045	40.099	ng/ul	87
52) Acenaphthene	15.039	153	99076	29.731	ng/ul	99
53) 2,4-Dinitrophenol	15.104	184	10428	23.138	ng/ul	96
55) 4-Nitrophenol	15.186	109	18609	27.540	ng/ul	95
56) Dibenzofuran	15.374	168	147984	30.752	ng/ul	99
57) 2,4-Dinitrotoluene	15.333	165	39153	32.317	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.603	232	33202	31.114	ng/ul	94
59) Diethylphthalate	15.756	149	125447	30.026	ng/ul	100
61) Fluorene	16.020	166	124565	30.612	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.997	204	72693	30.607	ng/ul	99
63) 4-Nitroaniline	16.038	138	23920	42.123	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.096	198	24325	30.996	ng/ul	97
67) N-Nitrosodiphenylamine	16.208	169	105229	30.991	ng/ul	97
68) 4-Bromophenyl-phenylether	16.889	248	50389	32.433	ng/ul	97
69) Hexachlorobenzene	17.025	284	53377	32.626	ng/ul	98
70) Atrazine	17.142	200	34241	22.690	ng/ul	99
71) Pentachlorophenol	17.442	266	1169	1.546	ng/ul	95
72) Phenanthrene	17.759	178	212031	31.324	ng/ul	100
74) Anthracene	17.853	178	205646	30.244	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.788	216	61598	31.507	ng/ul	97
76) Pentachlorobenzene	15.297	250	62010	31.160	ng/ul	93
77) Carbazole	18.117	167	180405	31.749	ng/ul	99
78) Di-n-butylphthalate	18.634	149	210587	32.409	ng/ul	99
80) Fluoranthene	19.750	202	261121	30.416	ng/ul	97
82) Pyrene	20.109	202	261812	30.125	ng/ul	98
83) Butylbenzylphthalate	20.960	149	91560	32.898	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.900	252	99638	36.848	ng/ul	98
85) Benzo(a)anthracene	22.006	228	267449	31.058	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.847	149	131864	32.576	ng/ul	97
87) Chrysene	22.077	228	248610	30.601	ng/ul	98
89) Di-n-octyl phthalate	23.146	149	220990	30.876	ng/ul	100
90) Benzo(b)fluoranthene	24.403	252	277381	30.905	ng/ul	97
91) Benzo(k)fluoranthene	24.479	252	259508	29.719	ng/ul	99
93) Benzo(a)pyrene	25.366	252	235032	30.332	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.578	276	300107	30.983	ng/ul	98
95) Dibenzo(a,h)anthracene	29.637	278	247346	30.796	ng/ul	98
96) Benzo(g,h,i)perylene	30.853	276	239827	30.594	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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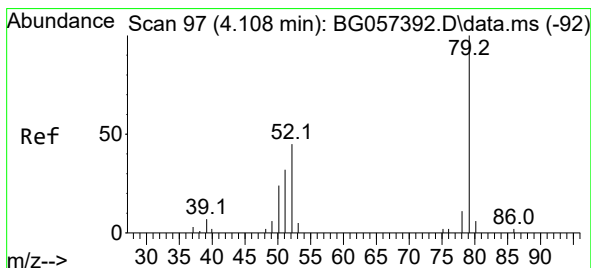
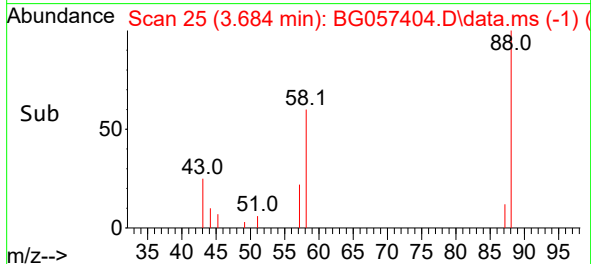
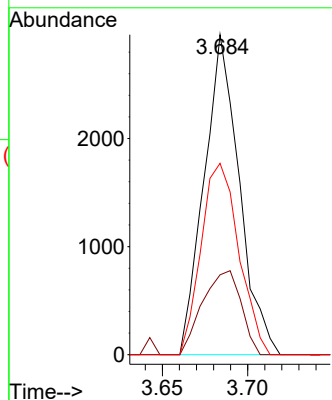
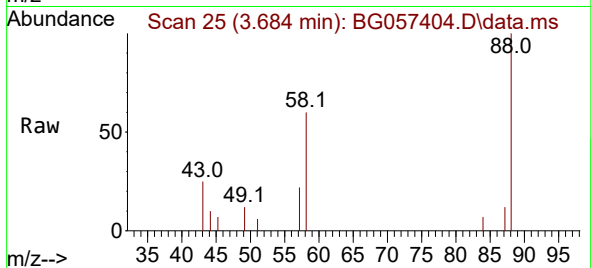




#2
1,4-Dioxane
Concen: 11.025 ng/uL
RT: 3.684 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

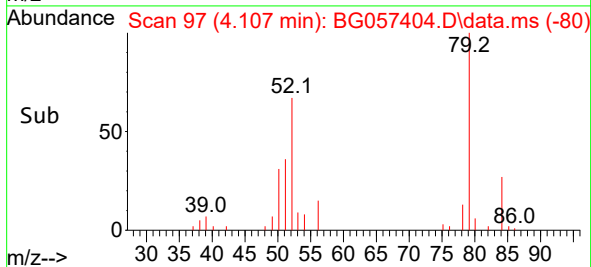
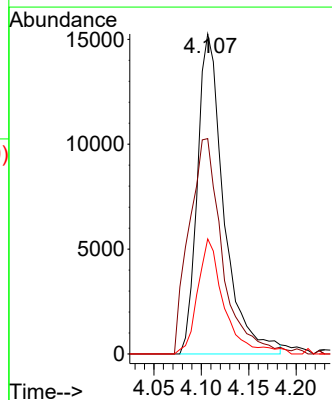
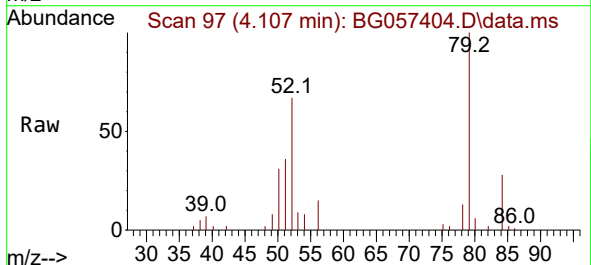
Instrument :
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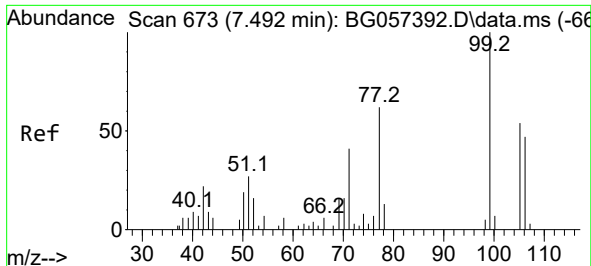
Tgt Ion: 88 Resp: 4236
Ion Ratio Lower Upper
88 100
43 25.0 28.2 42.4#
58 59.8 63.3 94.9#



#5
Pyridine
Concen: 24.663 ng/uL
RT: 4.107 min Scan# 97
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 79 Resp: 29695
Ion Ratio Lower Upper
79 100
52 67.3 62.4 93.6
51 35.9 29.0 43.4

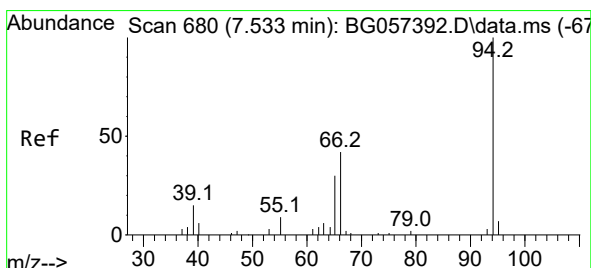
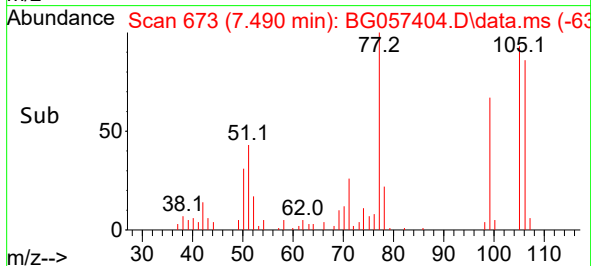
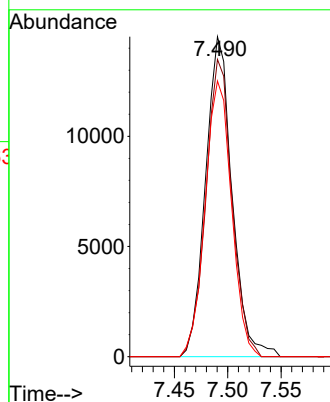
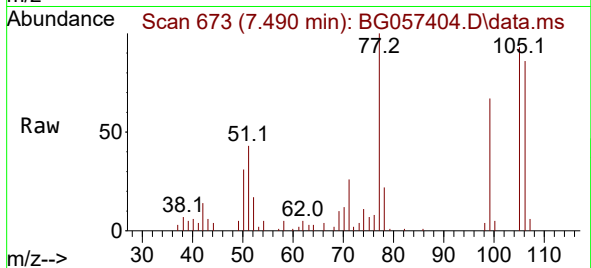




#6
Benzaldehyde
Concen: 54.554 ng/ul
RT: 7.490 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

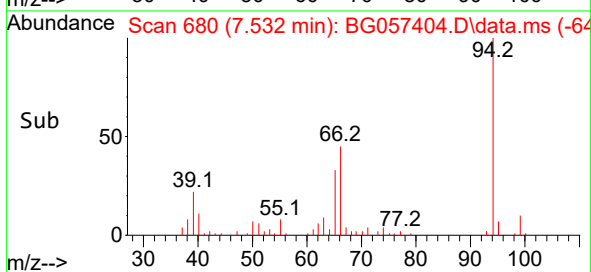
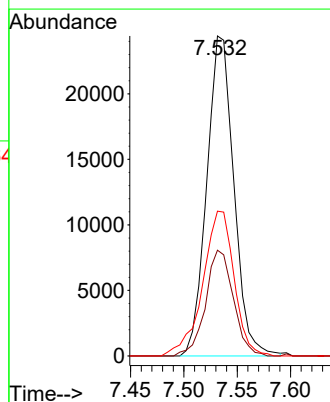
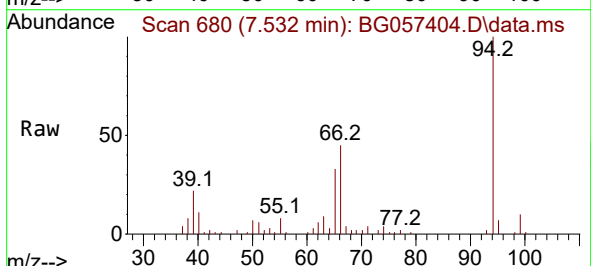
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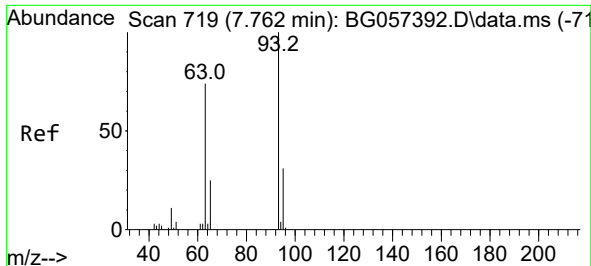
Tgt Ion: 77 Resp: 25122
Ion Ratio Lower Upper
77 100
105 92.9 79.8 119.6
106 86.1 78.7 118.1



#8
Phenol
Concen: 28.450 ng/ul
RT: 7.532 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 94 Resp: 43234
Ion Ratio Lower Upper
94 100
65 33.0 25.5 38.3
66 45.2 36.9 55.3



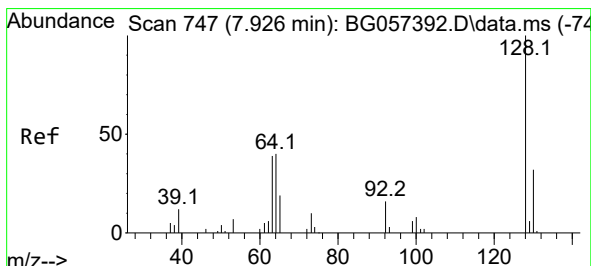
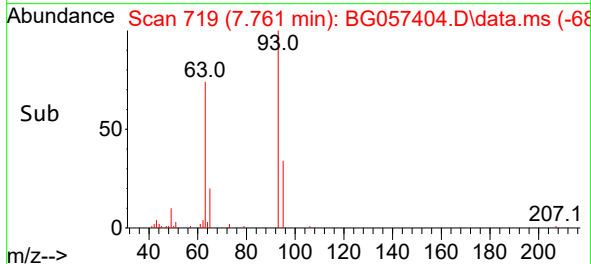
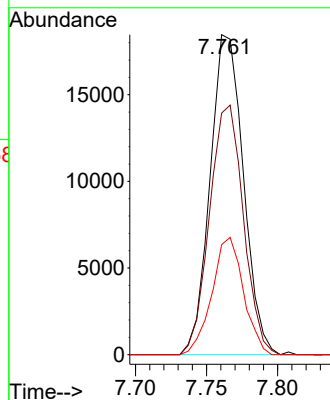
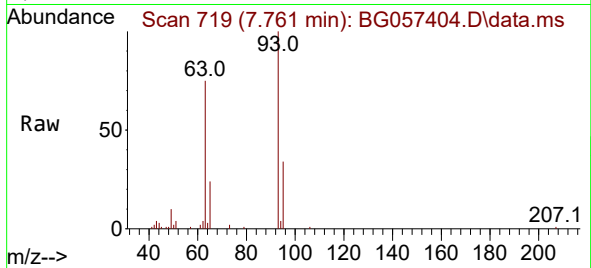


#10
 Bis(2-Chloroethyl)ether
 Concen: 26.464 ng/ul
 RT: 7.761 min Scan# 719
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SLCS685

Tgt Ion: 93 Resp: 30099

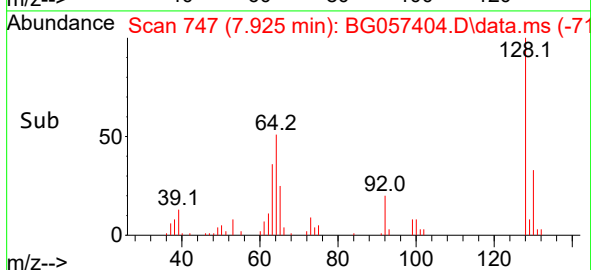
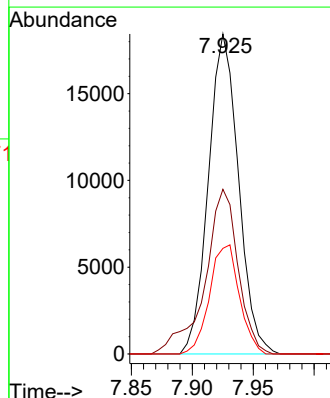
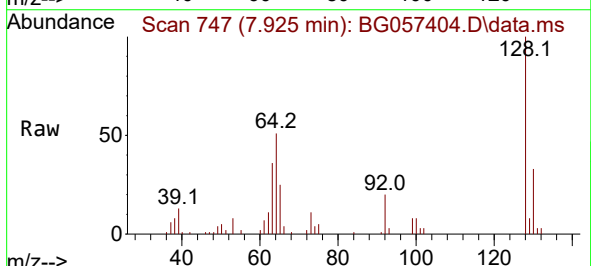
Ion	Ratio	Lower	Upper
93	100		
63	75.5	67.2	100.8
95	34.4	26.3	39.5

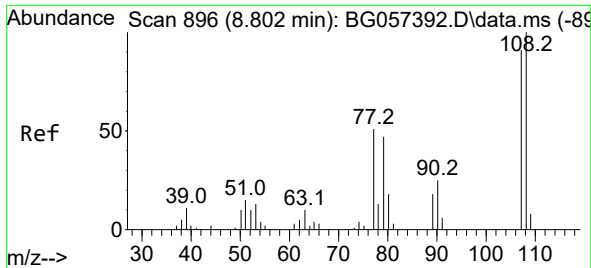


#12
 2-Chlorophenol
 Concen: 30.311 ng/ul
 RT: 7.925 min Scan# 747
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Tgt Ion:128 Resp: 31634

Ion	Ratio	Lower	Upper
128	100		
64	51.4	41.3	61.9
130	33.0	24.6	37.0

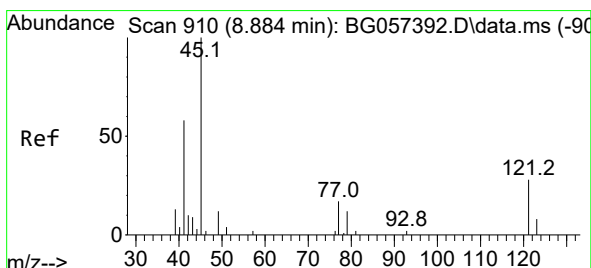
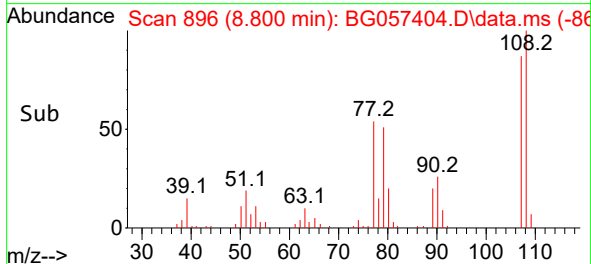
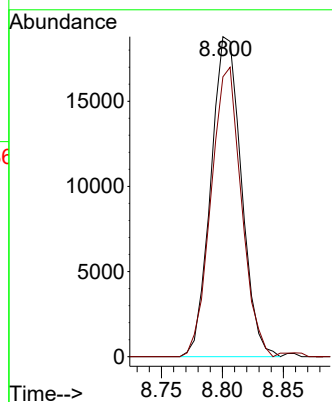
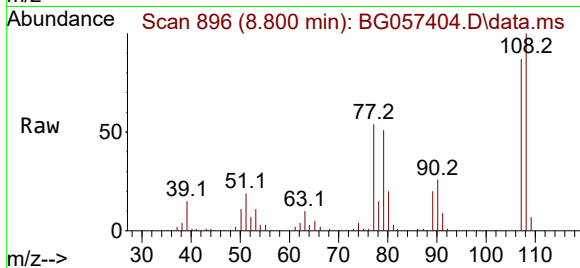




#13
2-Methylphenol
Concen: 27.832 ng/ul
RT: 8.800 min Scan# 896
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

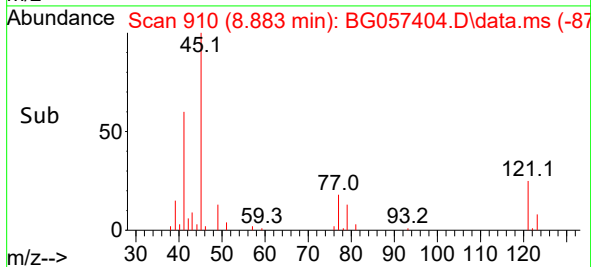
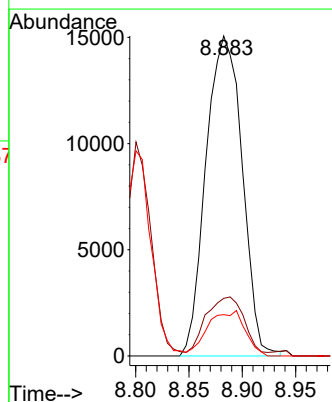
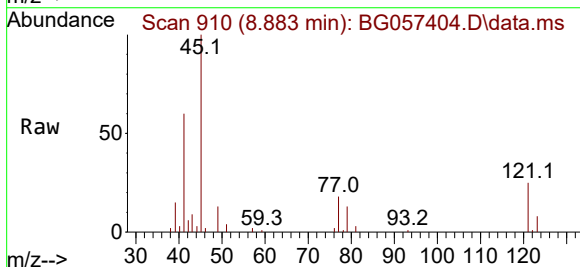
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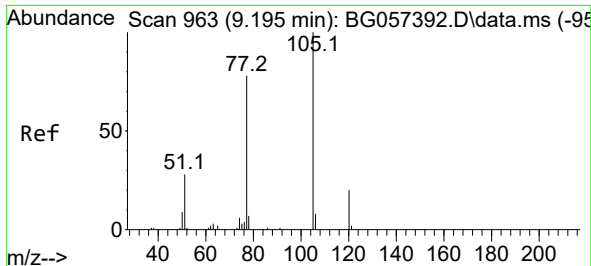
Tgt Ion:108 Resp: 32778
Ion Ratio Lower Upper
108 100
107 87.4 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.295 ng/ul
RT: 8.883 min Scan# 910
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 45 Resp: 35626
Ion Ratio Lower Upper
45 100
77 18.0 12.9 19.3
79 12.9 8.9 13.3

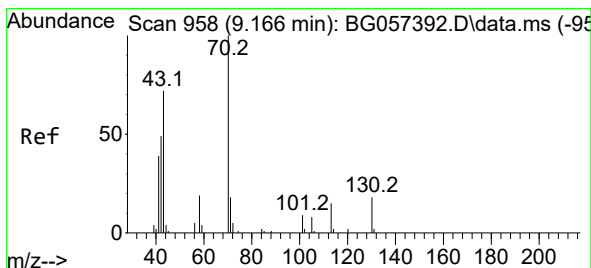
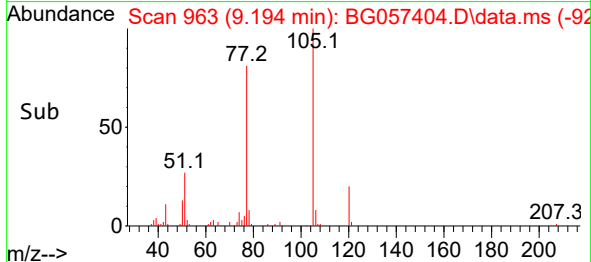
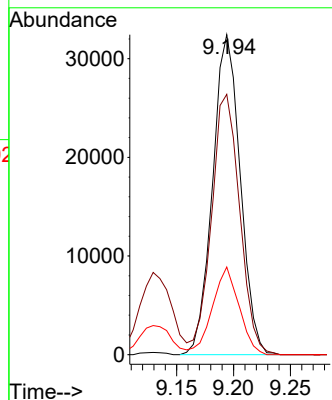
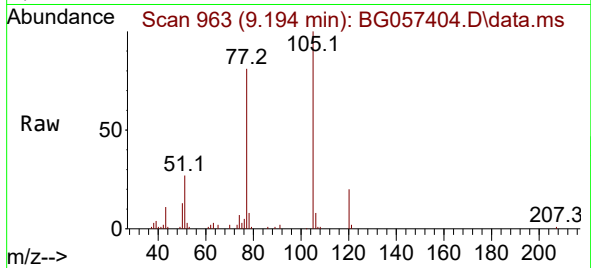




#16
Acetophenone
Concen: 27.826 ng/ul
RT: 9.194 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

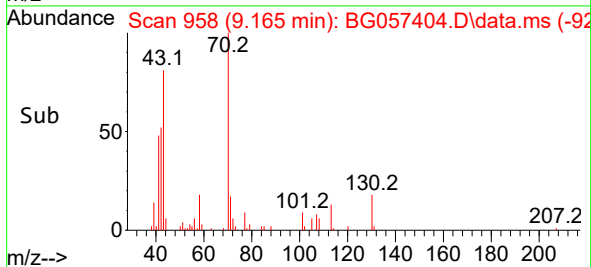
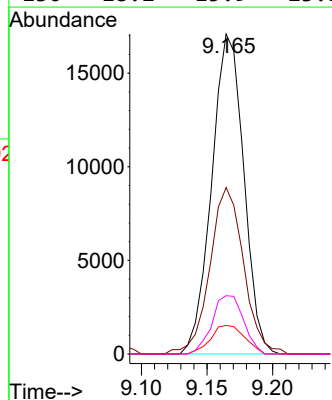
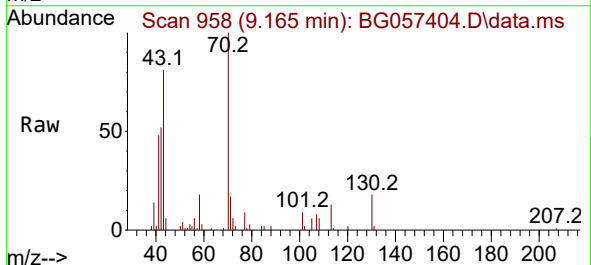
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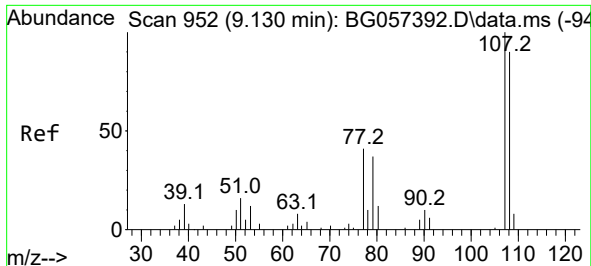
Tgt Ion:105 Resp: 54869
Ion Ratio Lower Upper
105 100
77 81.4 70.6 105.8
51 27.4 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 25.621 ng/ul
RT: 9.165 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 70 Resp: 29032
Ion Ratio Lower Upper
70 100
42 52.0 45.0 67.4
101 8.9 6.5 9.7
130 18.2 15.9 23.9

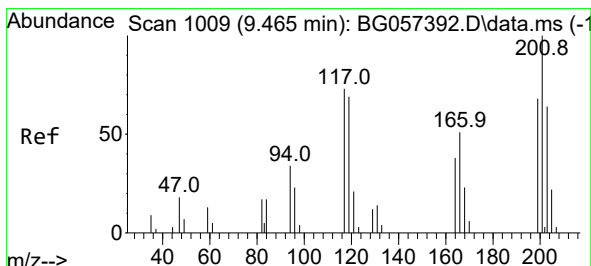
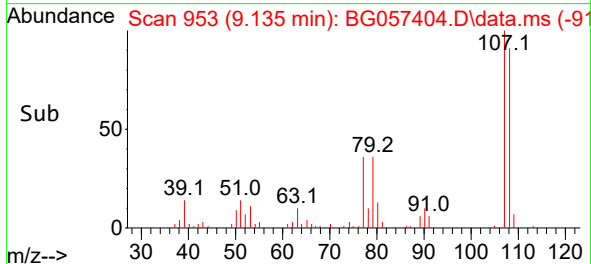
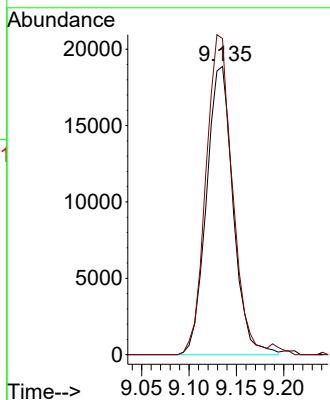
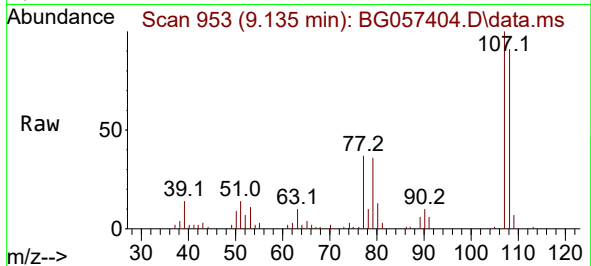




#18
4-Methylphenol
Concen: 29.116 ng/ul
RT: 9.135 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

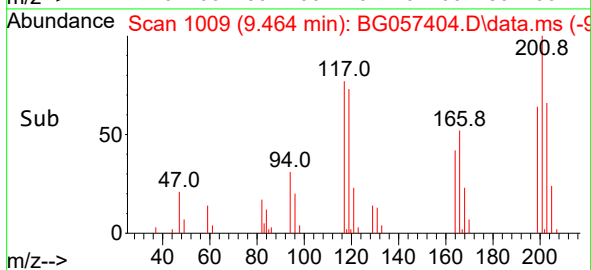
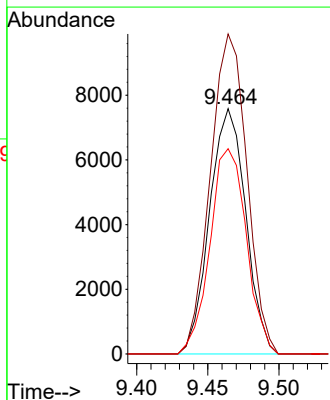
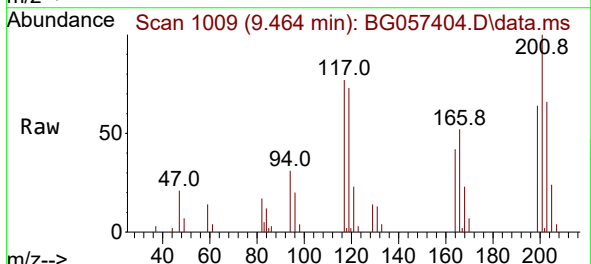
Instrument :
BNA_G
ClientSampleId :
SLCS685

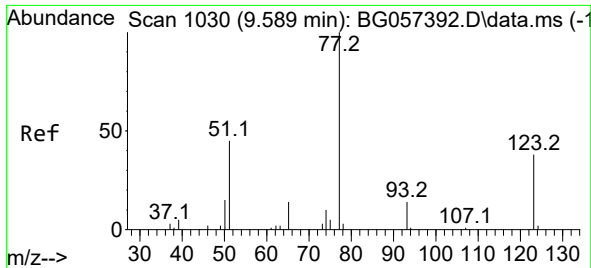
Tgt Ion:108 Resp: 37116
Ion Ratio Lower Upper
108 100
107 109.6 85.1 127.7



#19
Hexachloroethane
Concen: 30.775 ng/ul
RT: 9.464 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:117 Resp: 13438
Ion Ratio Lower Upper
117 100
201 130.4 109.4 164.2
199 83.7 65.4 98.2

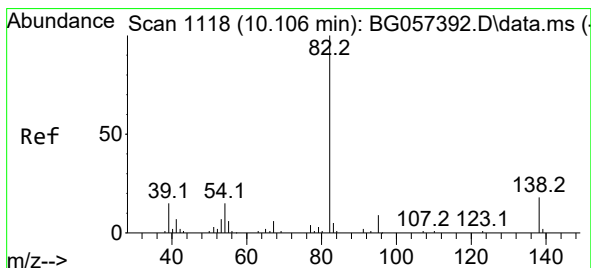
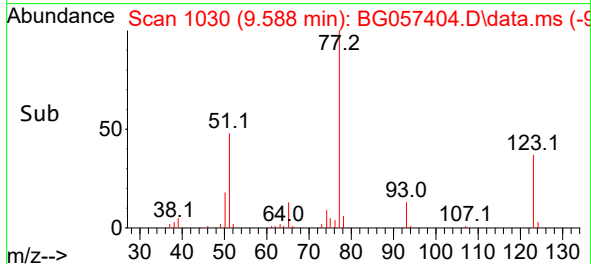
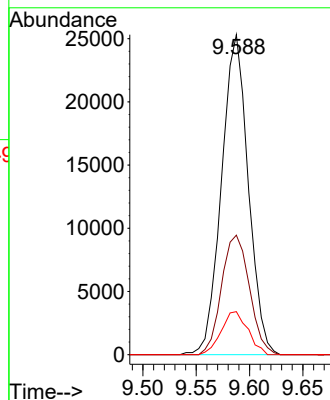
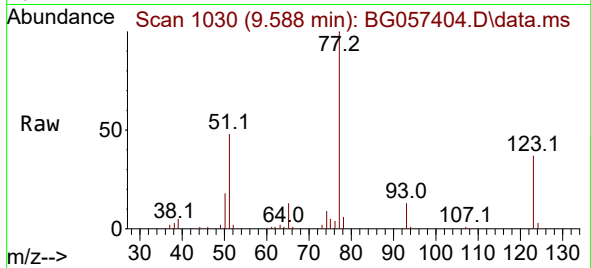




#22
Nitrobenzene
Concen: 28.118 ng/ul
RT: 9.588 min Scan# 1030
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

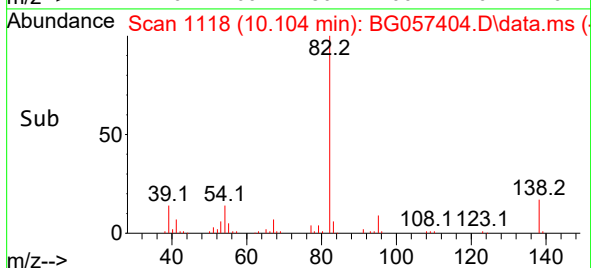
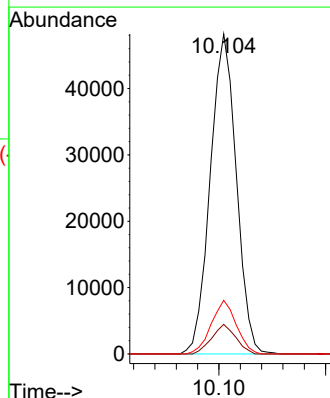
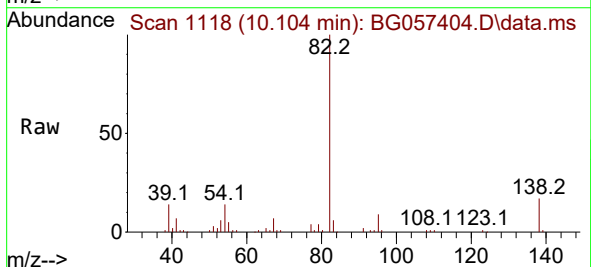
Instrument :
BNA_G
ClientSampleId :
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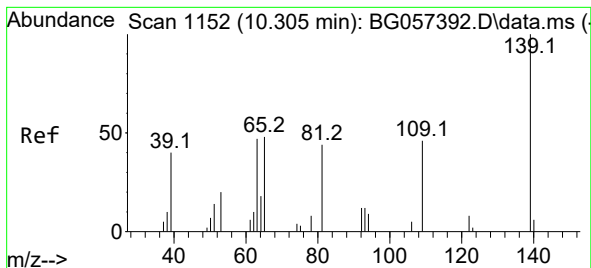
Tgt Ion: 77 Resp: 44139
Ion Ratio Lower Upper
77 100
123 37.4 29.6 44.4
65 13.5 11.4 17.0



#23
Isophorone
Concen: 27.374 ng/ul
RT: 10.104 min Scan# 1118
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 82 Resp: 81758
Ion Ratio Lower Upper
82 100
95 9.3 6.8 10.2
138 16.8 12.2 18.2

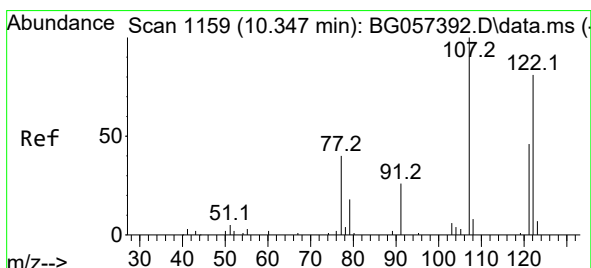
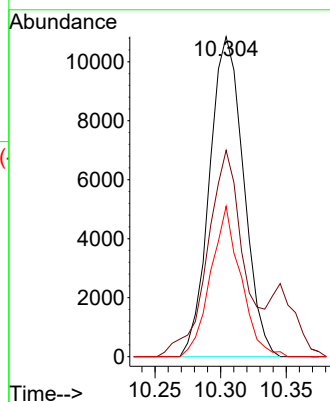
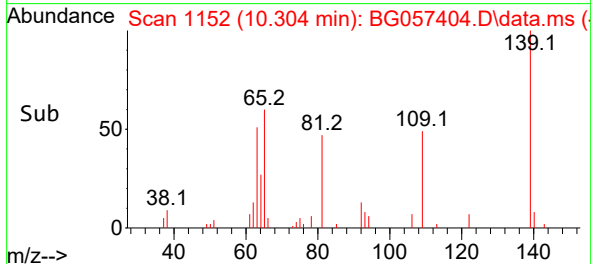
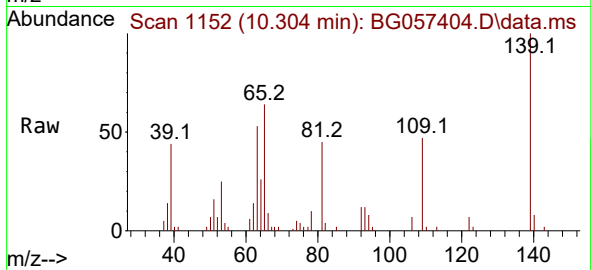




#25
2-Nitrophenol
Concen: 31.459 ng/ul
RT: 10.304 min Scan# 1152
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

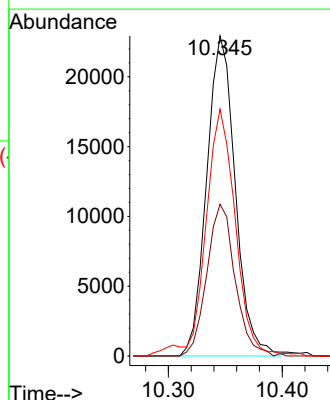
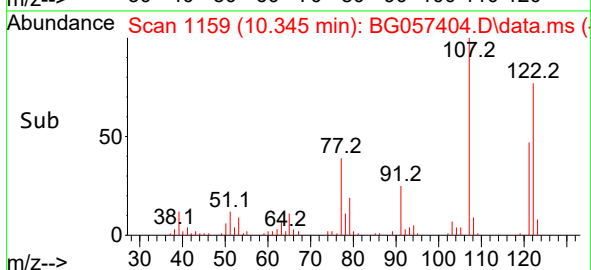
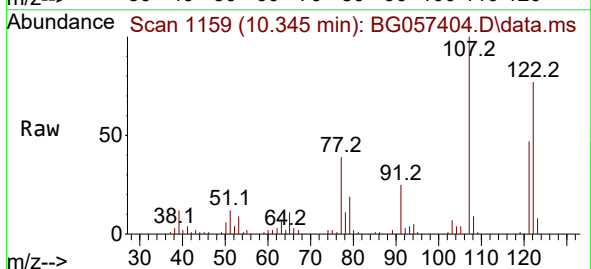
Instrument :
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ClientSampleId :
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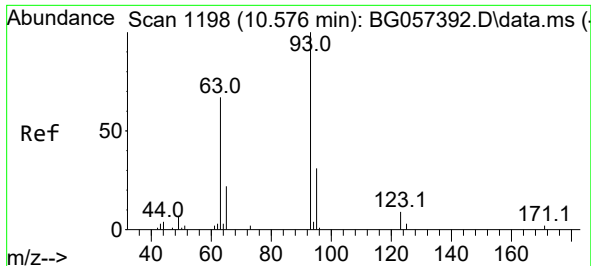
Tgt Ion:139 Resp: 19603
Ion Ratio Lower Upper
139 100
65 64.5 48.7 73.1
109 47.0 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 28.344 ng/ul
RT: 10.345 min Scan# 1159
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:107 Resp: 40067
Ion Ratio Lower Upper
107 100
121 47.4 35.4 53.0
122 77.1 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 28.665 ng/ul

RT: 10.574 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

Instrument :

BNA_G

ClientSampleId :

SLCS685

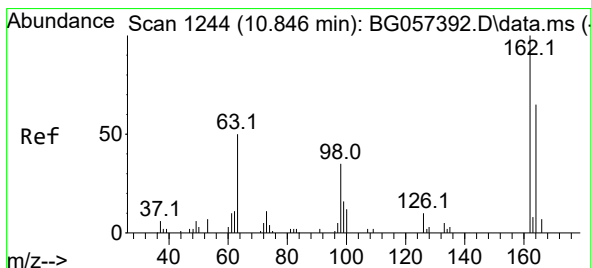
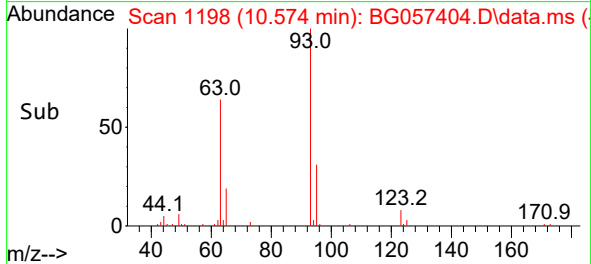
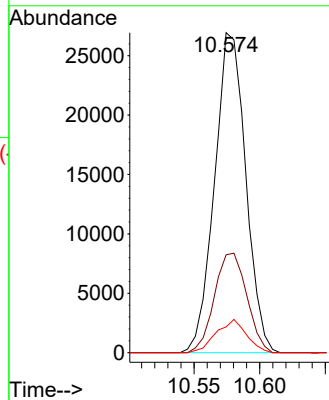
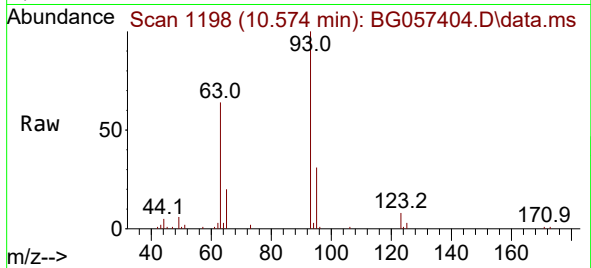
Tgt Ion: 93 Resp: 44502

Ion Ratio Lower Upper

93 100

95 30.6 24.8 37.2

123 8.1 8.1 12.1#



#29

2,4-Dichlorophenol

Concen: 32.631 ng/ul

RT: 10.845 min Scan# 1244

Delta R.T. -0.001 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

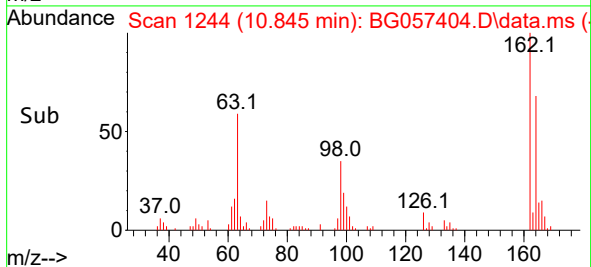
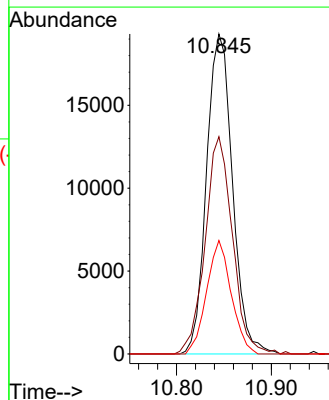
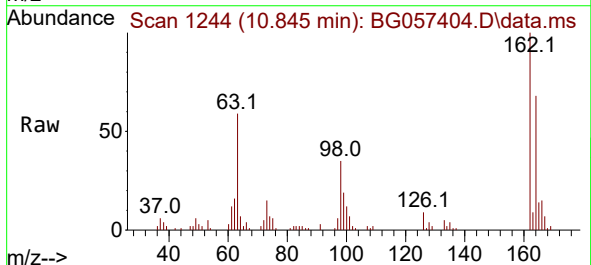
Tgt Ion:162 Resp: 36763

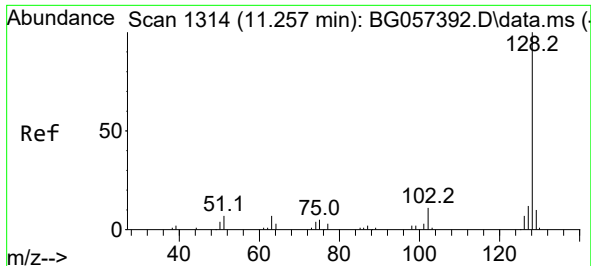
Ion Ratio Lower Upper

162 100

164 67.9 50.5 75.7

98 35.4 27.5 41.3

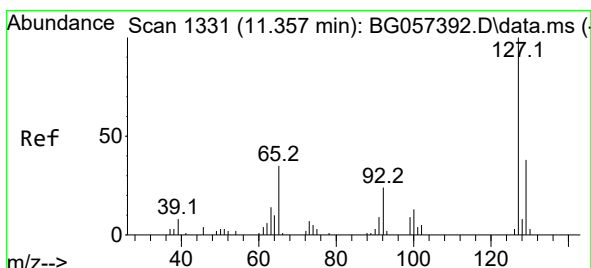
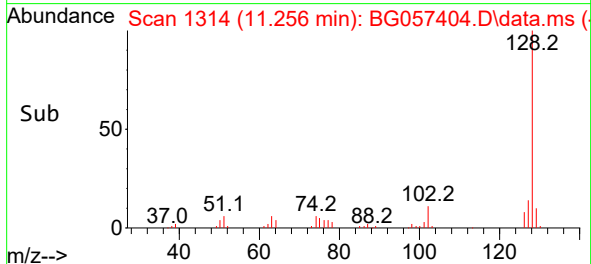
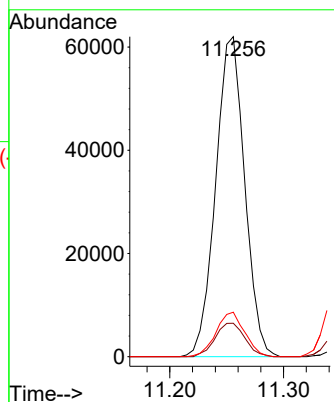
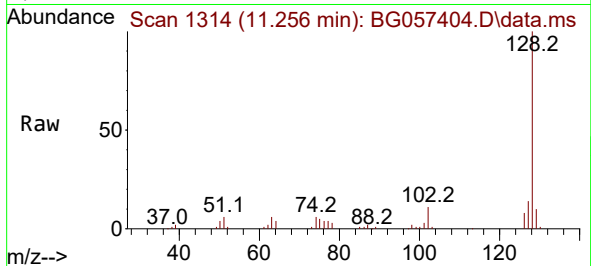




#30
Naphthalene
Concen: 30.261 ng/ul
RT: 11.256 min Scan# 11256
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

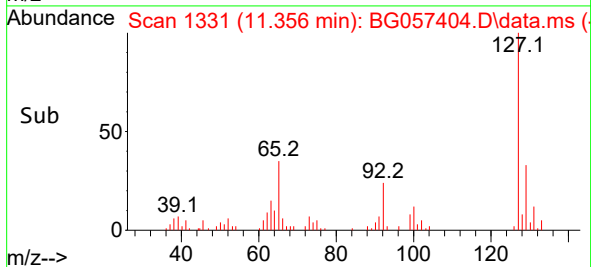
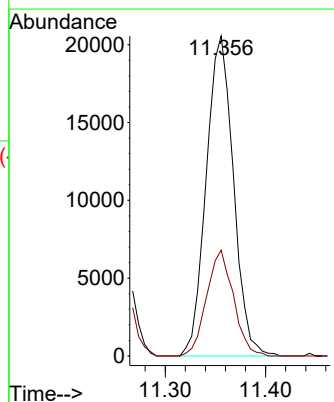
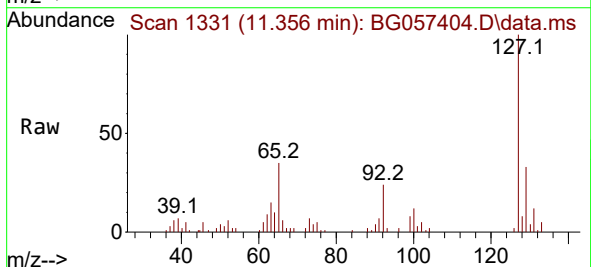
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ClientSampleId :
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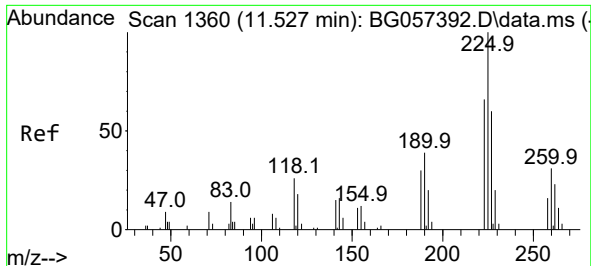
Tgt Ion:128 Resp: 109984
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.9 11.4 17.0



#32
4-Chloroaniline
Concen: 23.663 ng/ul
RT: 11.356 min Scan# 1331
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:127 Resp: 38787
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0

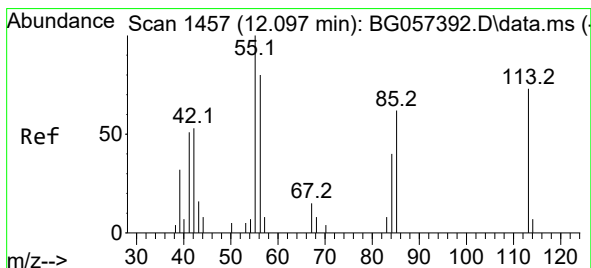
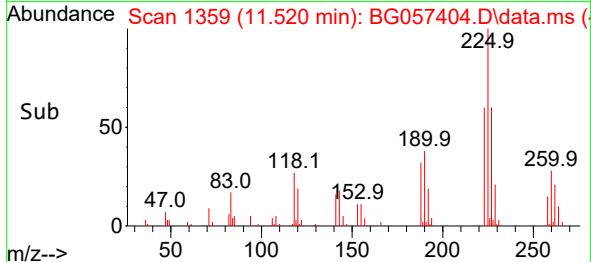
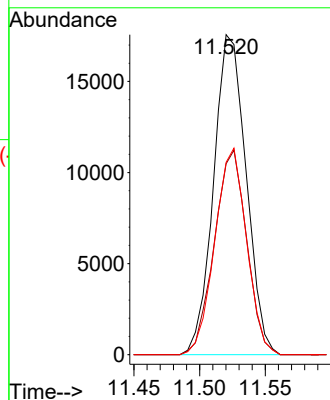
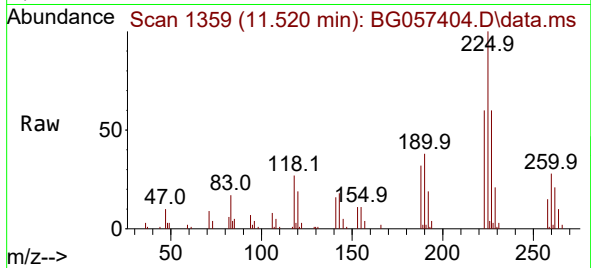




#33
Hexachlorobutadiene
Concen: 31.717 ng/ul
RT: 11.520 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

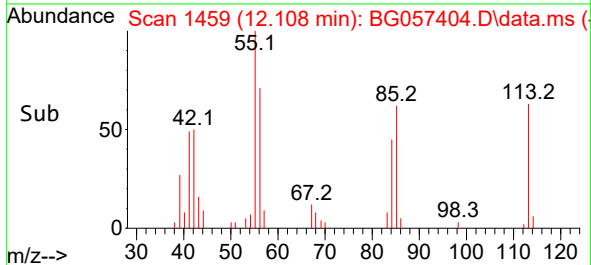
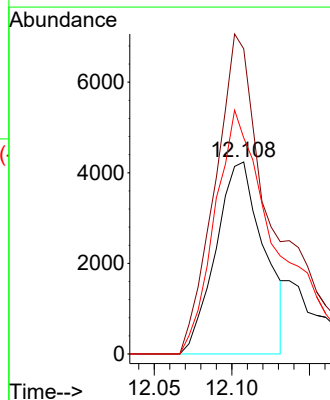
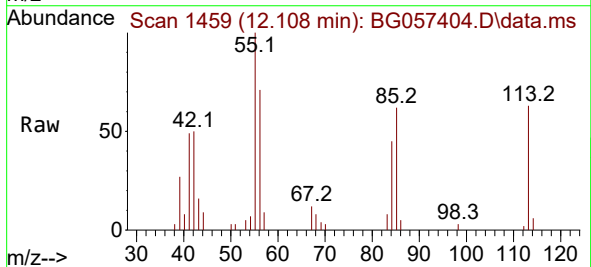
Instrument :
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ClientSampleId :
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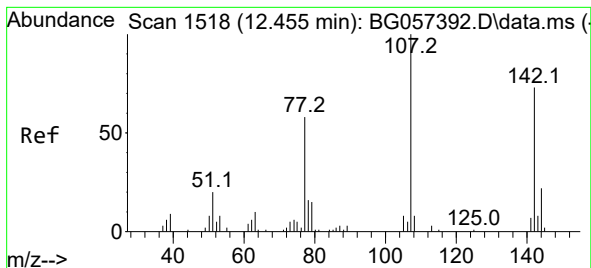
Tgt Ion:225 Resp: 30308
Ion Ratio Lower Upper
225 100
223 59.7 47.5 71.3
227 60.1 48.4 72.6



#34
Caprolactam
Concen: 24.075 ng/ul
RT: 12.108 min Scan# 1459
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:113 Resp: 9131
Ion Ratio Lower Upper
113 100
55 159.0 123.1 184.7
56 112.7 98.7 148.1

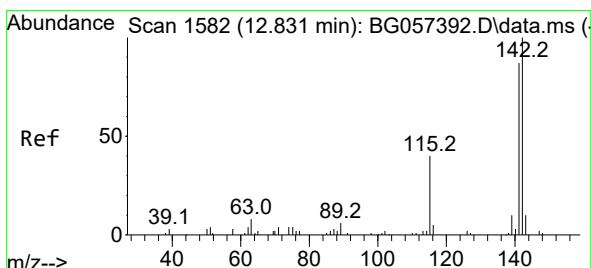
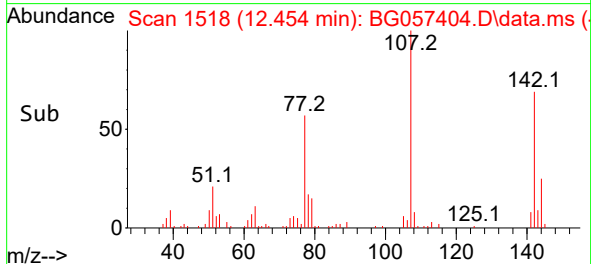
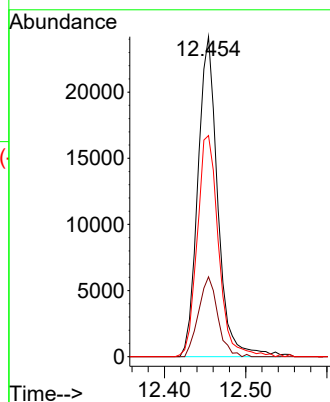
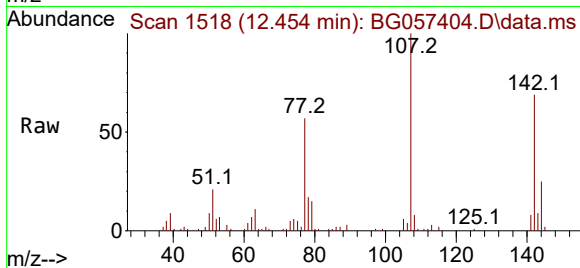




#35
 4-Chloro-3-methylphenol
 Concen: 31.804 ng/ul
 RT: 12.454 min Scan# 1518
 Delta R.T. 0.004 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

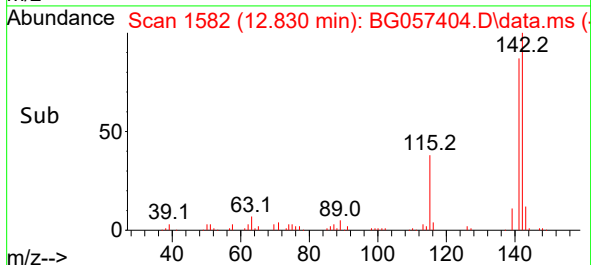
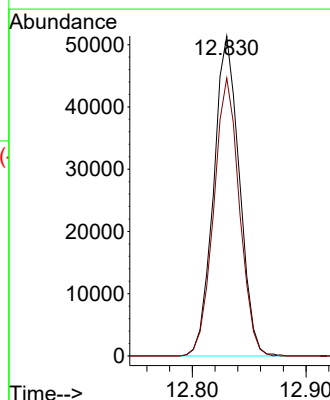
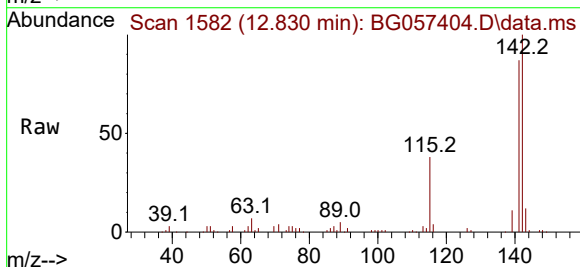
Instrument :
 BNA_G
 ClientSampleId :
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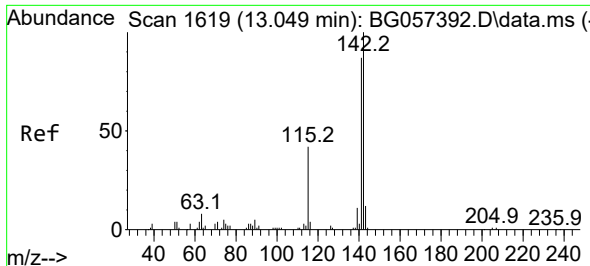
Tgt Ion:107 Resp: 41227
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.3 27.5
 142 69.1 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 30.337 ng/ul
 RT: 12.830 min Scan# 1582
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Tgt Ion:142 Resp: 80858
 Ion Ratio Lower Upper
 142 100
 141 86.8 68.7 103.1

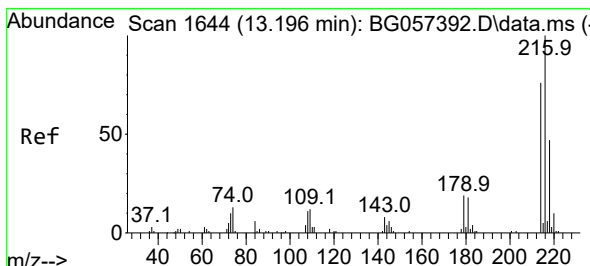
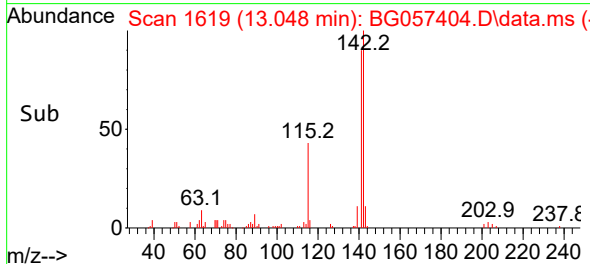
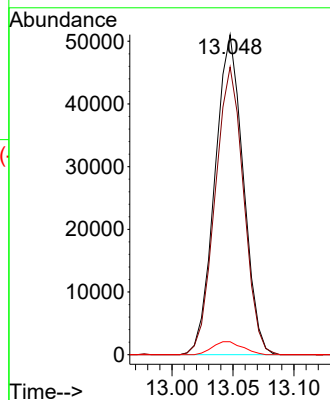
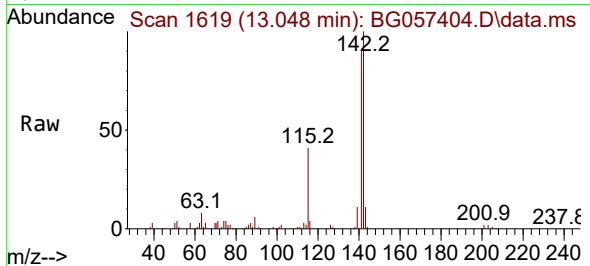




#37
1-Methylnaphthalene
Concen: 30.848 ng/ul
RT: 13.048 min Scan# 1619
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

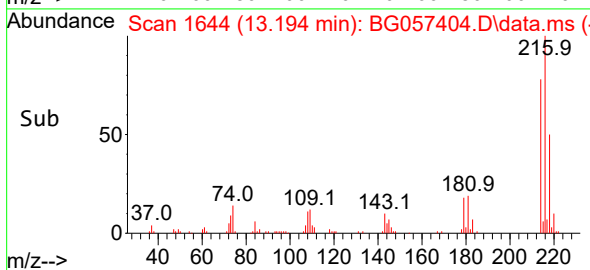
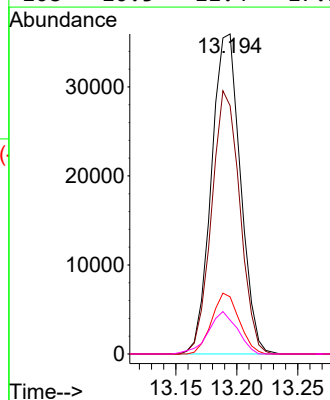
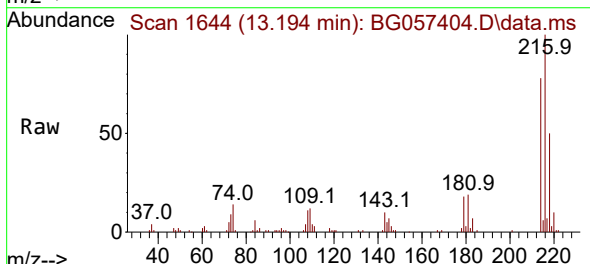
Instrument :
BNA_G
ClientSampleId :
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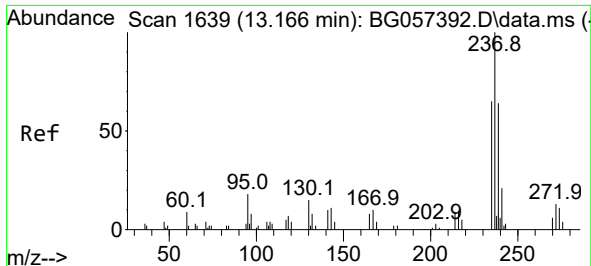
Tgt Ion:142 Resp: 82676
Ion Ratio Lower Upper
142 100
141 89.9 72.9 109.3
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.702 ng/ul
RT: 13.194 min Scan# 1644
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:216 Resp: 59539
Ion Ratio Lower Upper
216 100
214 77.6 62.9 94.3
179 17.9 15.3 22.9
108 10.5 11.4 17.2#

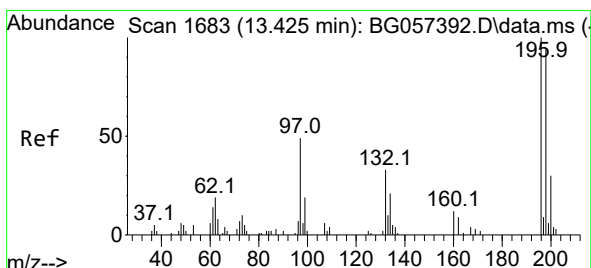
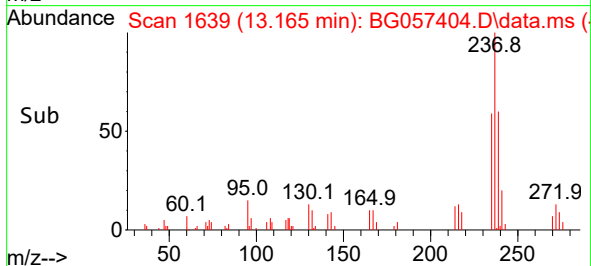
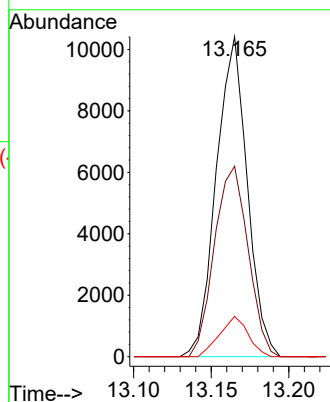
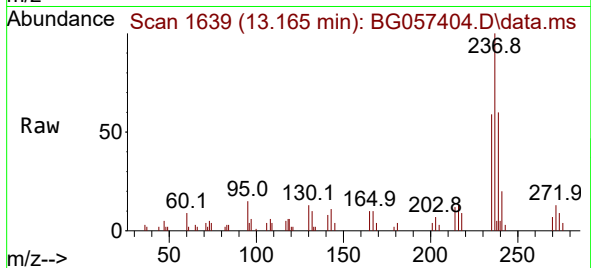




#40
Hexachlorocyclopentadiene
Concen: 15.421 ng/ul
RT: 13.165 min Scan# 1639
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

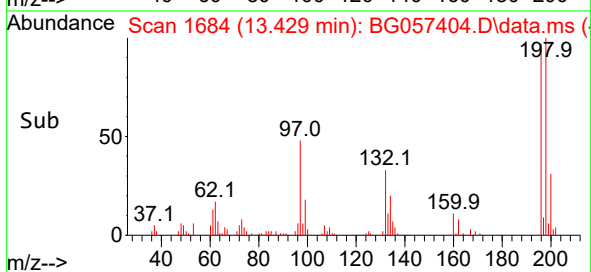
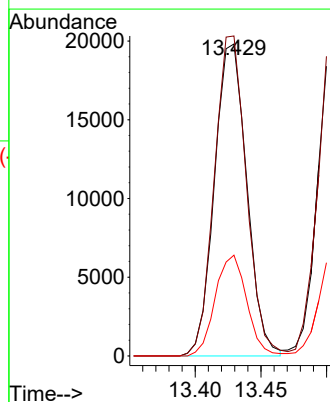
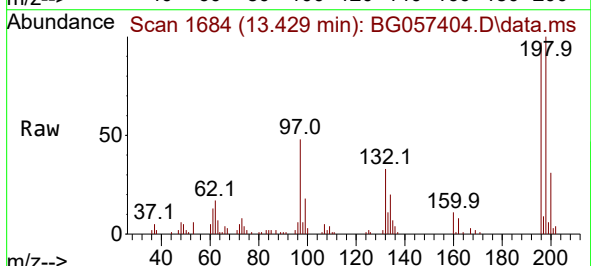
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ClientSampleId :
SLCS685

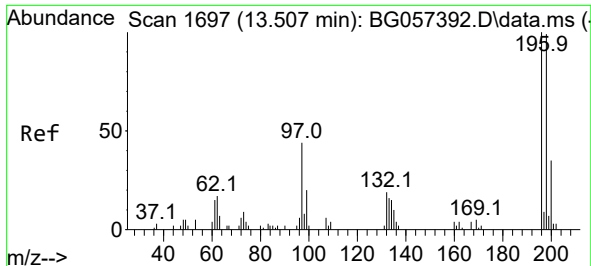
Tgt Ion:237 Resp: 14453
Ion Ratio Lower Upper
237 100
235 59.5 51.4 77.0
272 12.6 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 31.005 ng/ul
RT: 13.429 min Scan# 1684
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:196 Resp: 33913
Ion Ratio Lower Upper
196 100
198 102.6 83.8 125.8
200 32.3 26.6 40.0

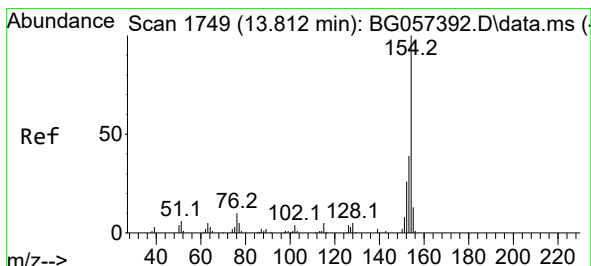
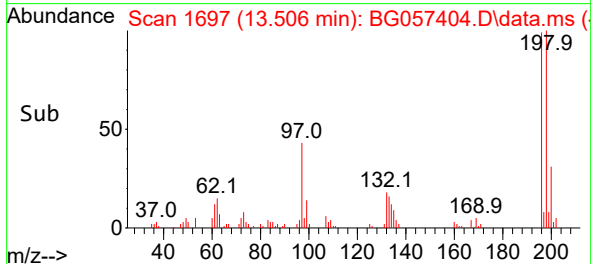
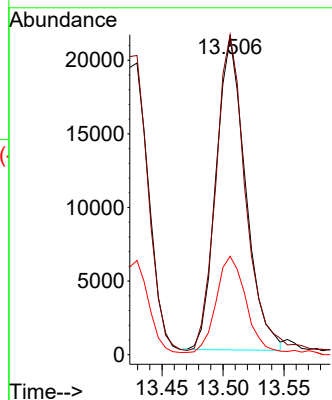
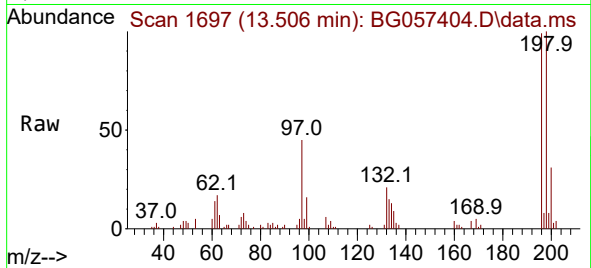




#42
2,4,5-Trichlorophenol
Concen: 30.333 ng/ul
RT: 13.506 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

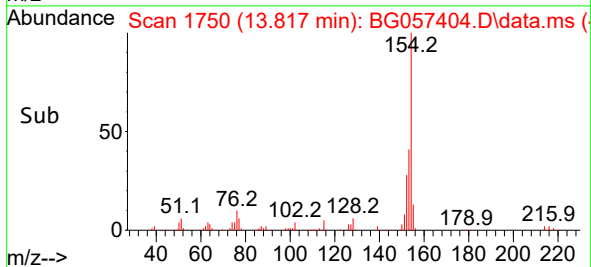
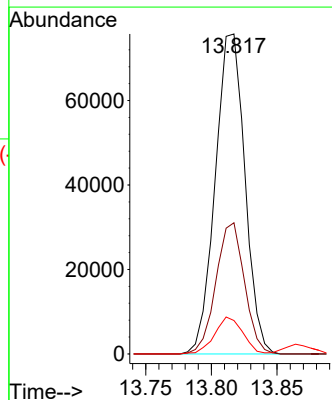
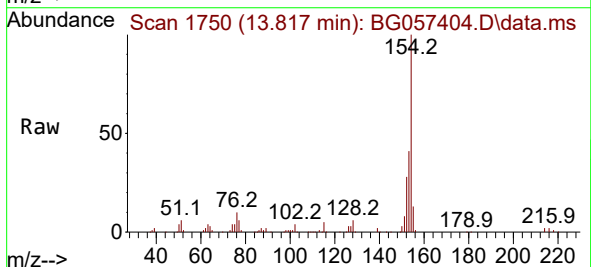
Instrument :
BNA_G
ClientSampleId :
SLCS685

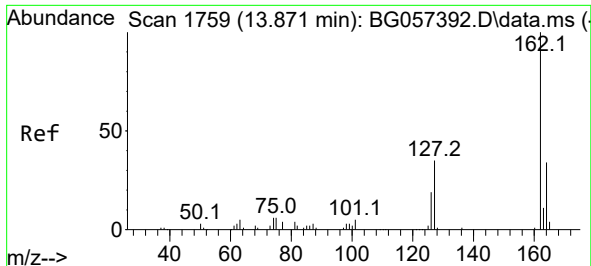
Tgt Ion:196 Resp: 35622
Ion Ratio Lower Upper
196 100
198 100.9 85.7 128.5
200 31.0 29.9 44.9



#43
1,1'-Biphenyl
Concen: 30.137 ng/ul
RT: 13.817 min Scan# 1750
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:154 Resp: 118843
Ion Ratio Lower Upper
154 100
153 41.0 31.6 47.4
76 10.5 8.0 12.0

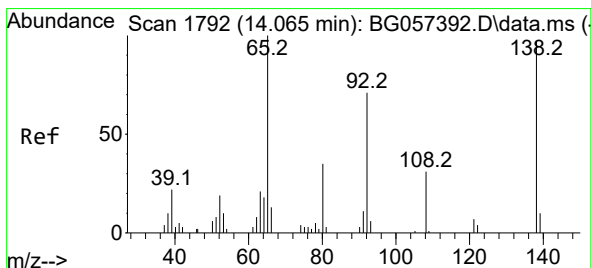
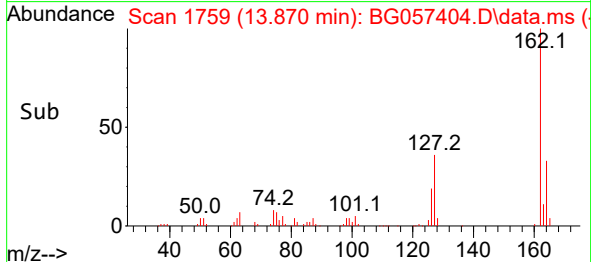
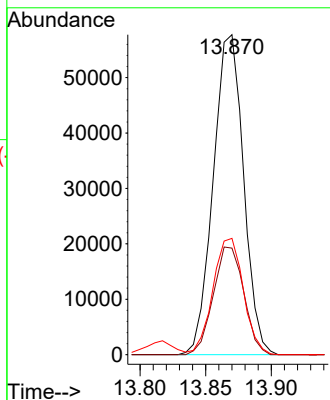
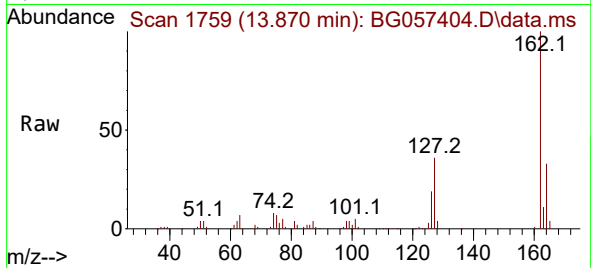




#44
2-Chloronaphthalene
Concen: 30.329 ng/ul
RT: 13.870 min Scan# 1759
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

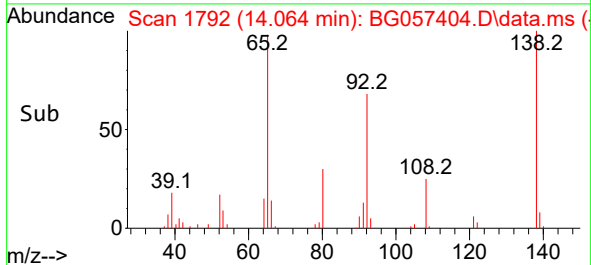
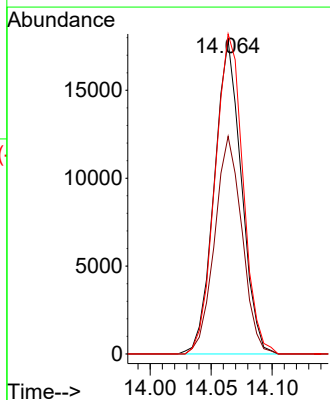
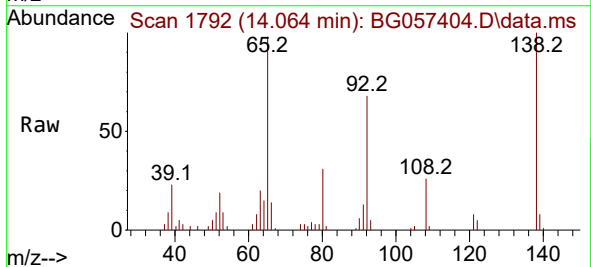
Instrument :
BNA_G
ClientSampleId :
SLCS685

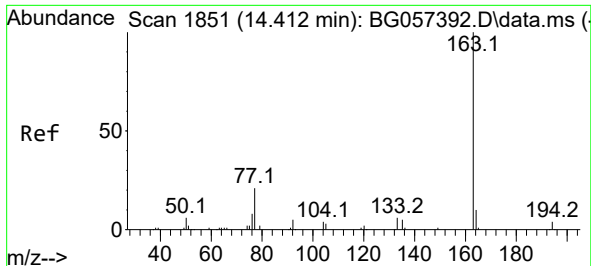
Tgt Ion:162 Resp: 92735
Ion Ratio Lower Upper
162 100
164 33.3 26.2 39.4
127 36.4 29.4 44.2



#45
2-Nitroaniline
Concen: 29.939 ng/ul
RT: 14.064 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion: 65 Resp: 27635
Ion Ratio Lower Upper
65 100
92 69.3 51.8 77.6
138 102.0 71.9 107.9

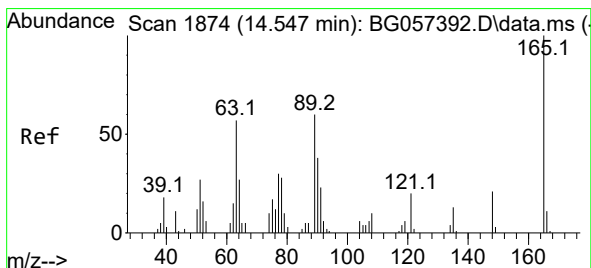
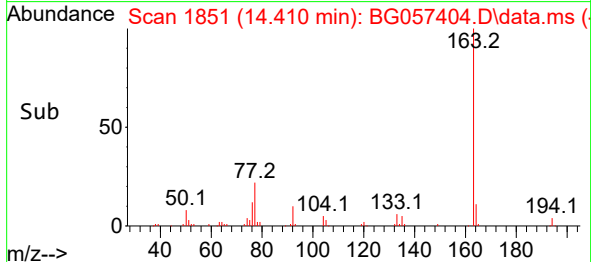
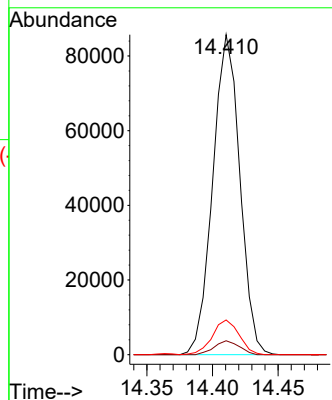
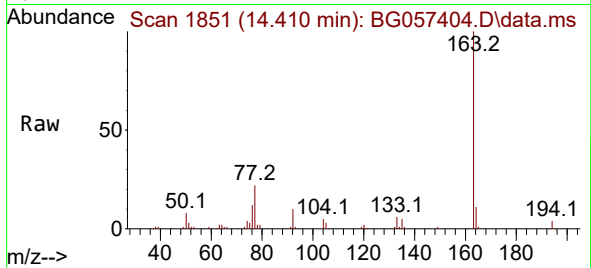




#47
Dimethylphthalate
Concen: 29.900 ng/ul
RT: 14.410 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

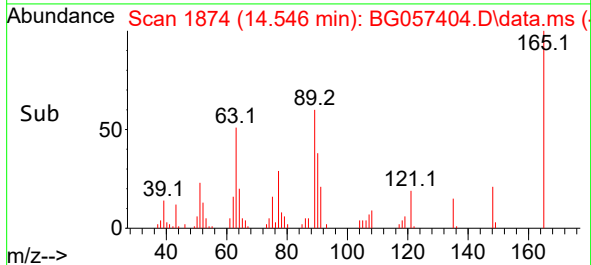
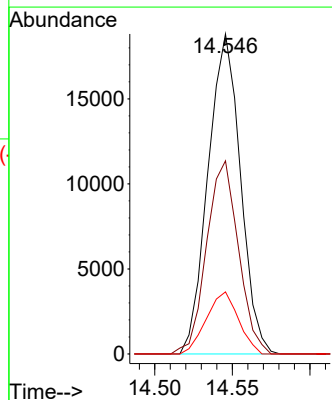
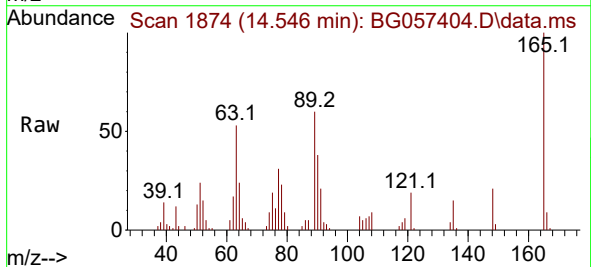
Instrument :
BNA_G
ClientSampleId :
SLCS685

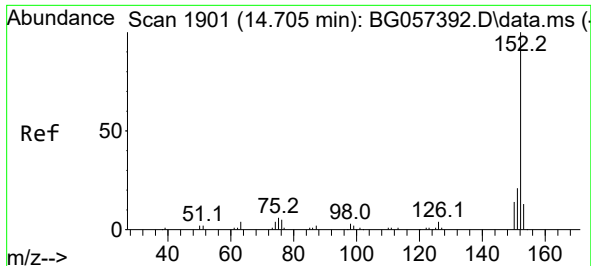
Tgt Ion:163 Resp: 122957
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 32.283 ng/ul
RT: 14.546 min Scan# 1874
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:165 Resp: 27321
Ion Ratio Lower Upper
165 100
89 60.4 50.6 76.0
121 19.4 16.8 25.2

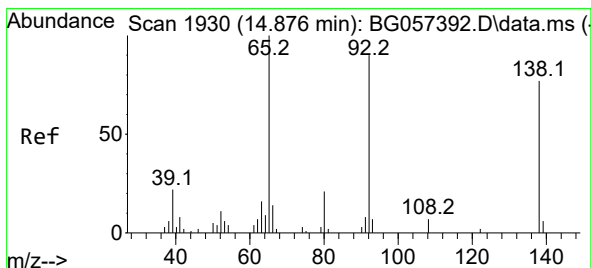
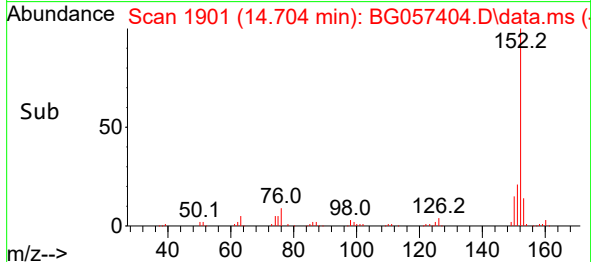
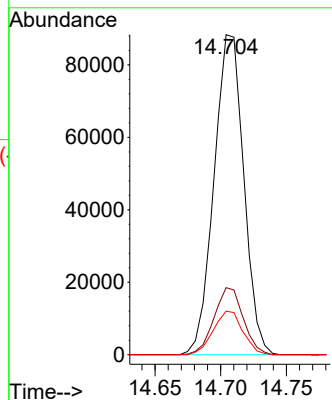
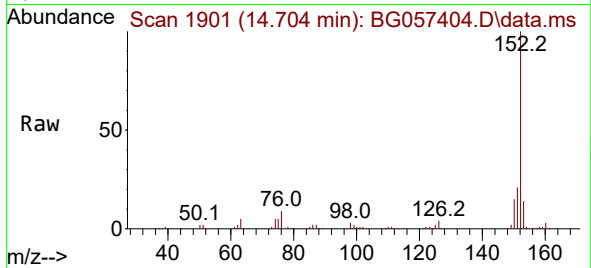




#50
Acenaphthylene
Concen: 29.790 ng/ul
RT: 14.704 min Scan# 1901
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

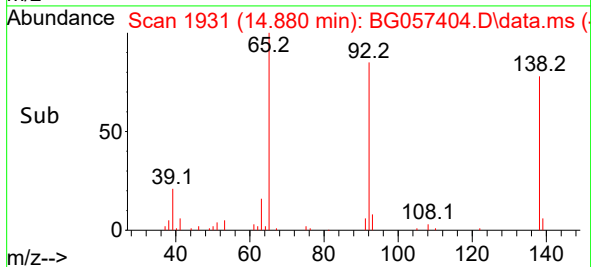
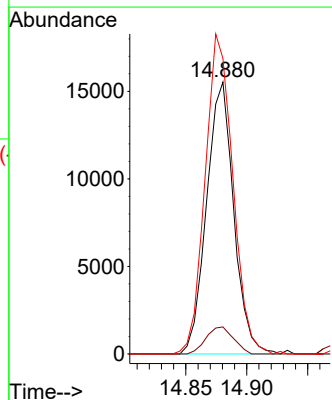
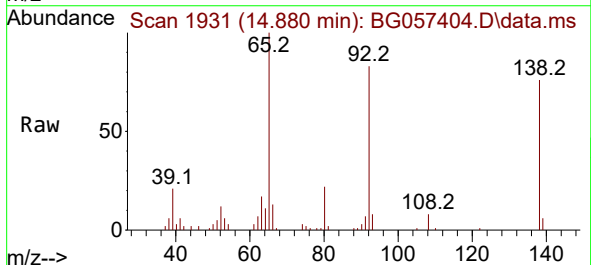
Instrument :
BNA_G
ClientSampleId :
SLCS685

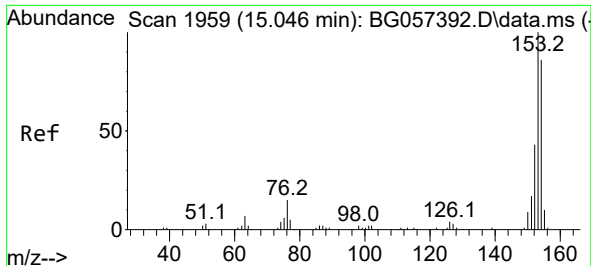
Tgt Ion:152 Resp: 139332
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.6 10.1 15.1



#51
3-Nitroaniline
Concen: 40.099 ng/ul
RT: 14.880 min Scan# 1931
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:138 Resp: 24045
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 108.7 99.5 149.3

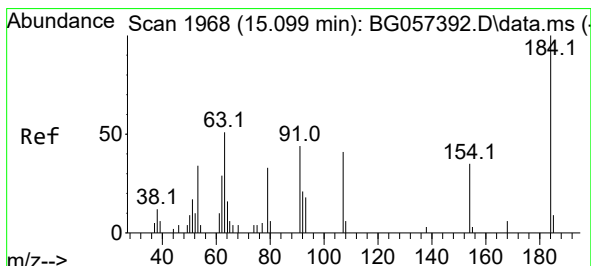
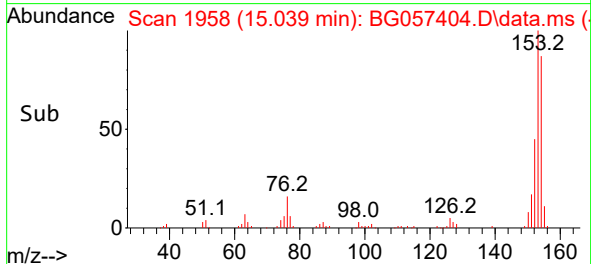
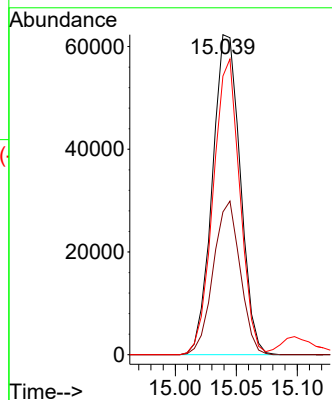
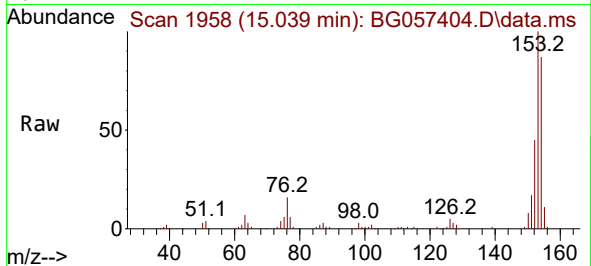




#52
Acenaphthene
Concen: 29.731 ng/ul
RT: 15.039 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

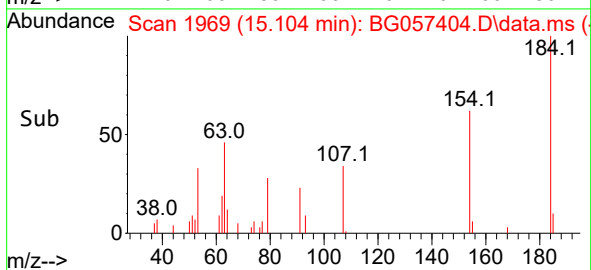
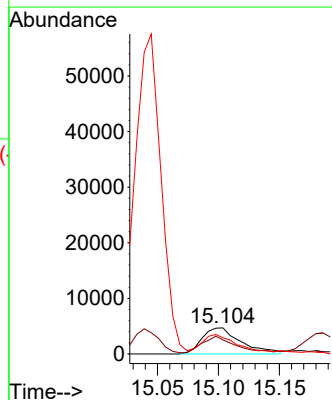
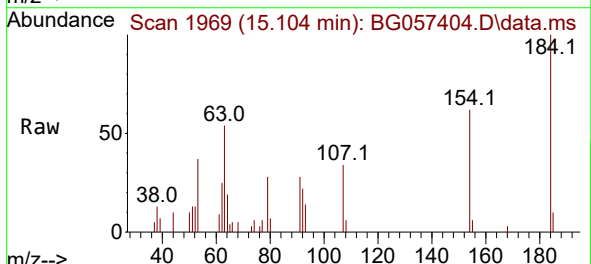
Instrument :
BNA_G
ClientSampleId :
SLCS685

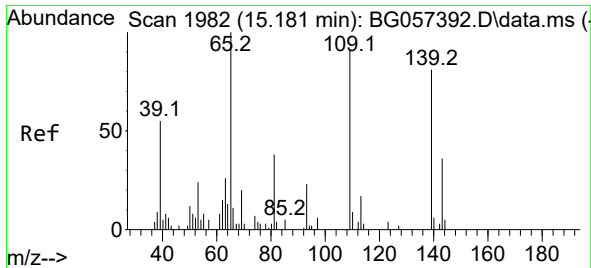
Tgt Ion:153 Resp: 99076
Ion Ratio Lower Upper
153 100
152 44.6 36.5 54.7
154 87.1 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 23.138 ng/ul
RT: 15.104 min Scan# 1969
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:184 Resp: 10428
Ion Ratio Lower Upper
184 100
63 54.4 48.3 72.5
154 62.4 50.0 75.0

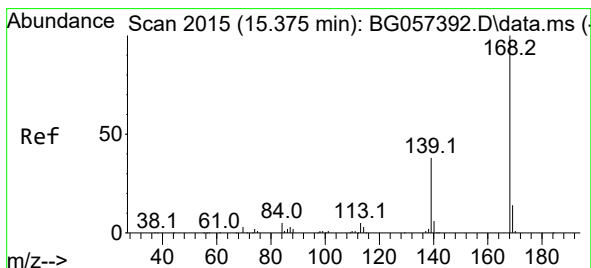
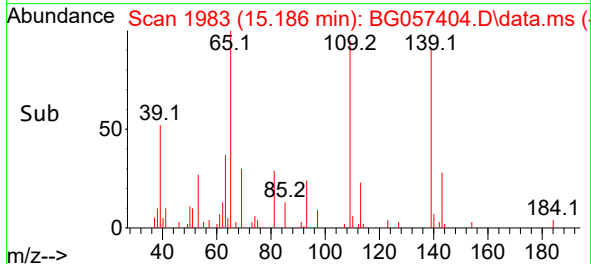
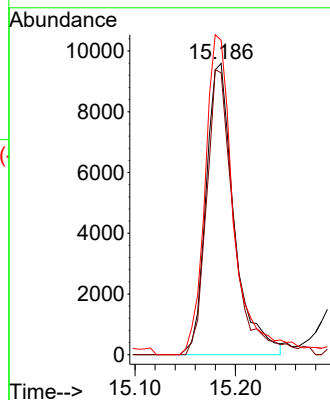
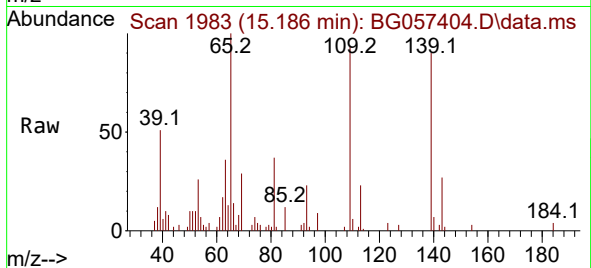




#55
4-Nitrophenol
Concen: 27.540 ng/ul
RT: 15.186 min Scan# 1982
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

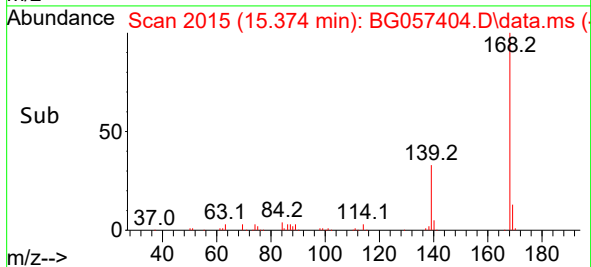
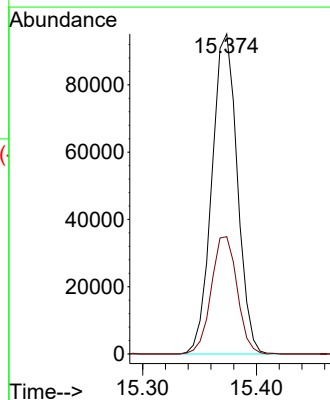
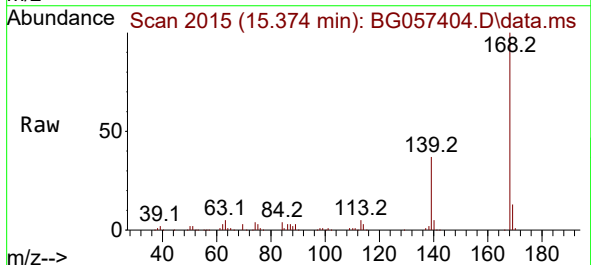
Instrument :
BNA_G
ClientSampleId :
SLCS685

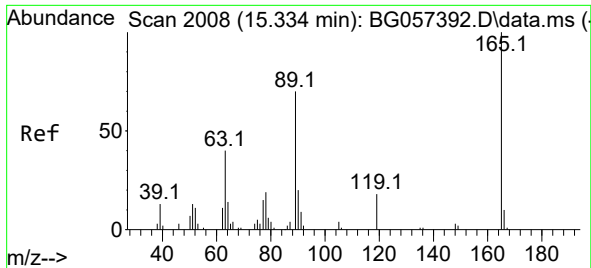
Tgt Ion:109 Resp: 18609
Ion Ratio Lower Upper
109 100
139 96.8 73.8 110.8
65 107.9 81.7 122.5



#56
Dibenzofuran
Concen: 30.752 ng/ul
RT: 15.374 min Scan# 2015
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:168 Resp: 147984
Ion Ratio Lower Upper
168 100
139 36.6 29.6 44.4

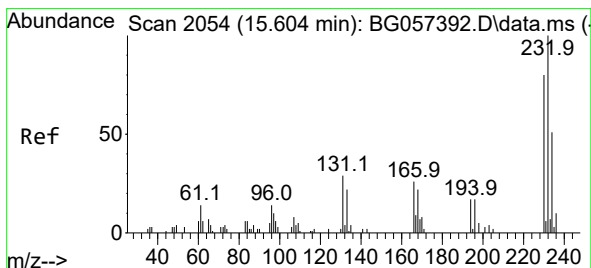
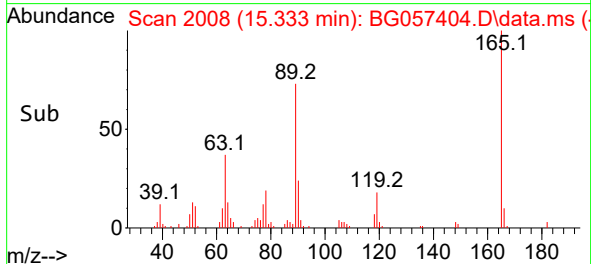
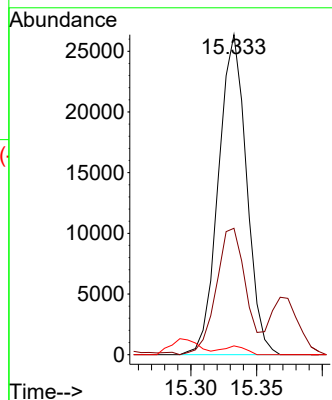
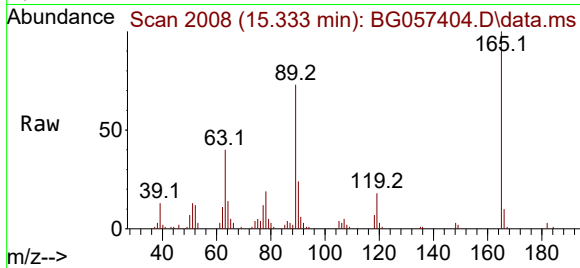




#57
2,4-Dinitrotoluene
Concen: 32.317 ng/ul
RT: 15.333 min Scan# 2008
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

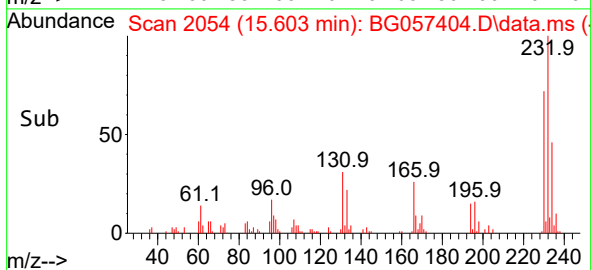
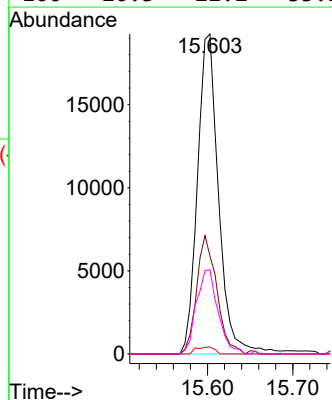
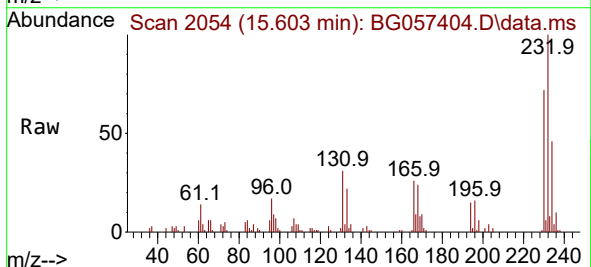
Instrument :
BNA_G
ClientSampleId :
SLCS685

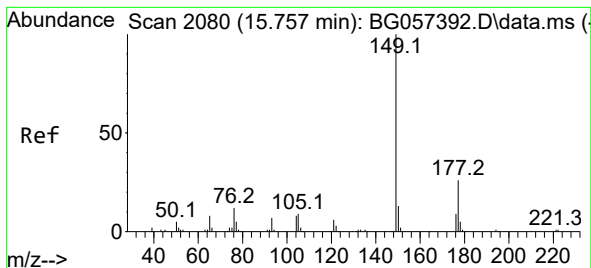
Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.5	35.9	53.9
182	2.8	1.9	2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.114 ng/ul
RT: 15.603 min Scan# 2054
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.7	28.6	43.0
130	2.2	1.8	2.6
166	26.3	22.2	33.2





#59

Diethylphthalate

Concen: 30.026 ng/ul

RT: 15.756 min Scan# 2080

Delta R.T. -0.001 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

Instrument :

BNA_G

ClientSampleId :

SLCS685

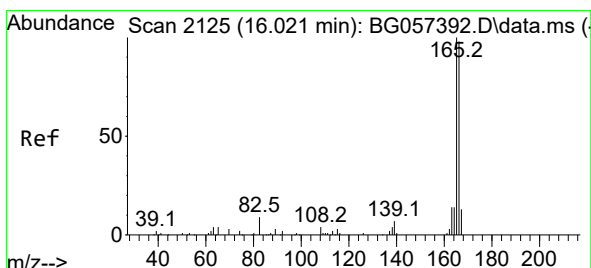
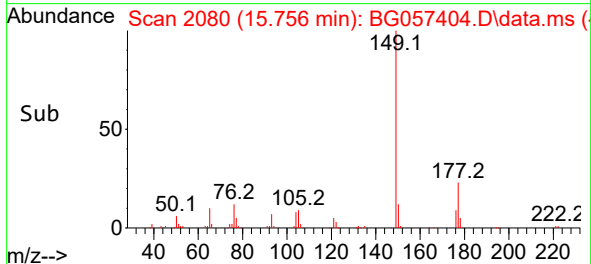
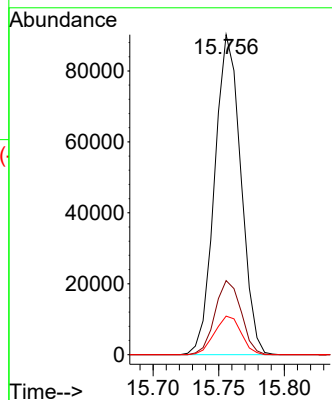
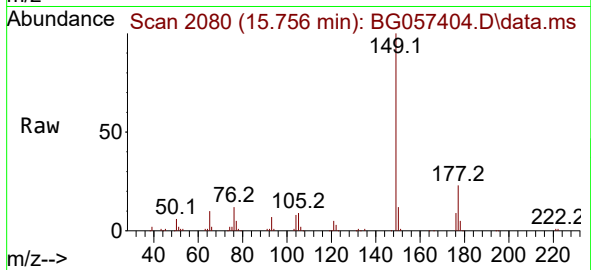
Tgt Ion:149 Resp: 125447

Ion Ratio Lower Upper

149 100

177 23.1 18.6 28.0

150 12.1 9.8 14.8



#61

Fluorene

Concen: 30.612 ng/ul

RT: 16.020 min Scan# 2125

Delta R.T. -0.001 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

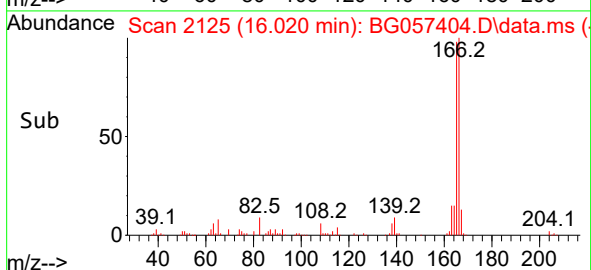
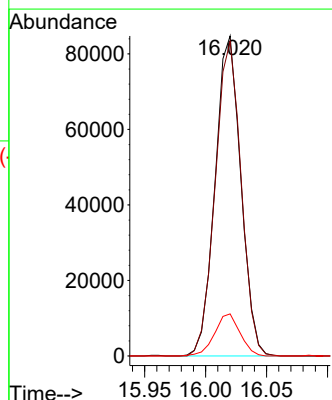
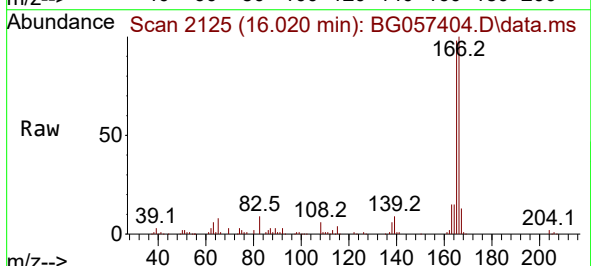
Tgt Ion:166 Resp: 124565

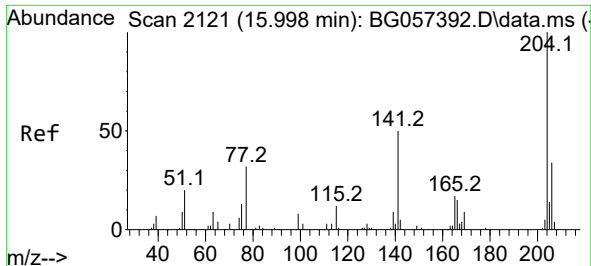
Ion Ratio Lower Upper

166 100

165 98.3 80.1 120.1

167 13.1 10.2 15.4

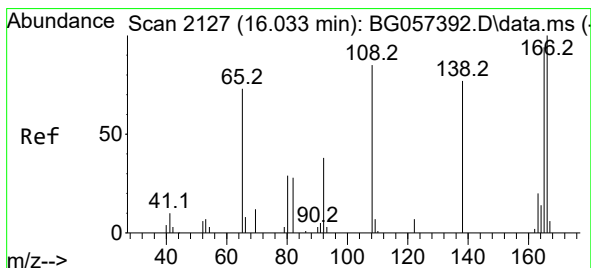
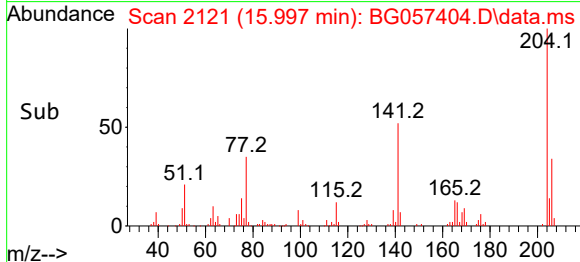
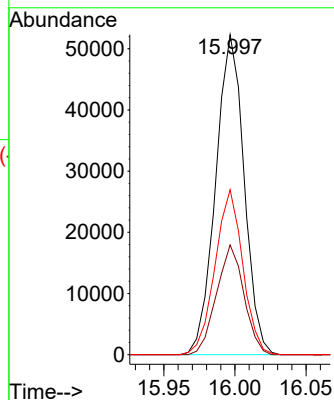
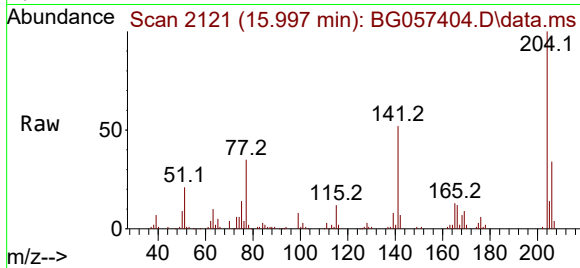




#62
4-Chlorophenyl-phenylether
Concen: 30.607 ng/ul
RT: 15.997 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

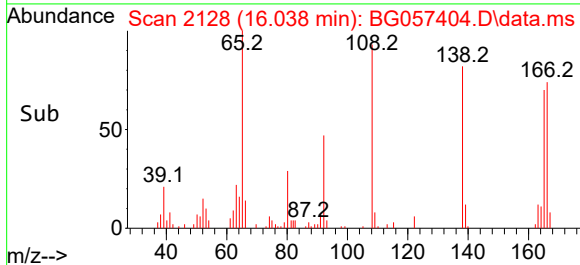
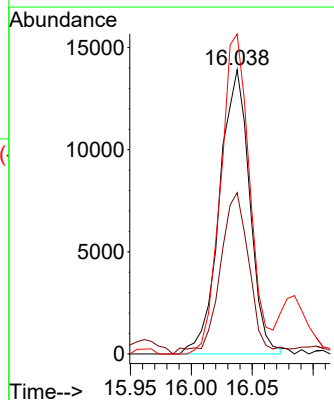
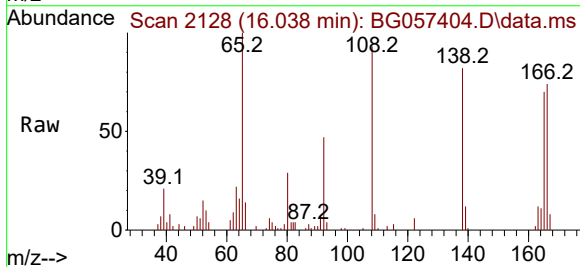
Instrument :
BNA_G
ClientSampleId :
SLCS685

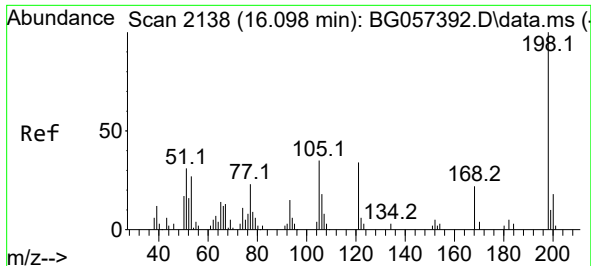
Tgt Ion:204 Resp: 72693
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 51.6 41.5 62.3



#63
4-Nitroaniline
Concen: 42.123 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:138 Resp: 23920
Ion Ratio Lower Upper
138 100
92 56.7 39.9 59.9
108 112.5 89.1 133.7

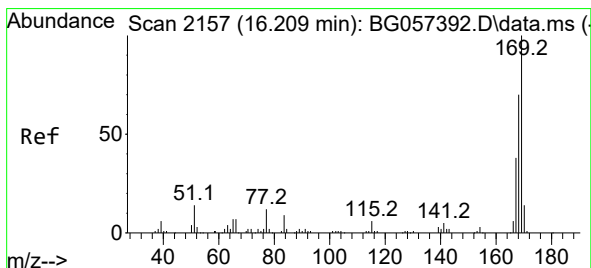
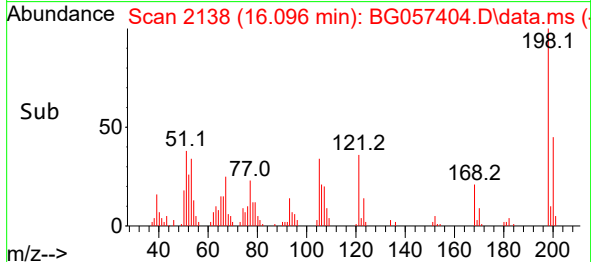
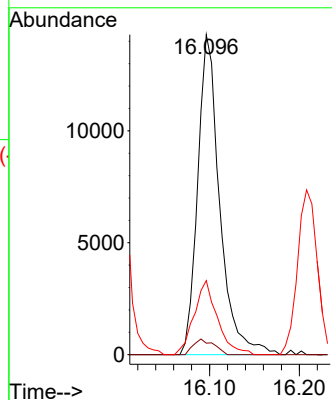
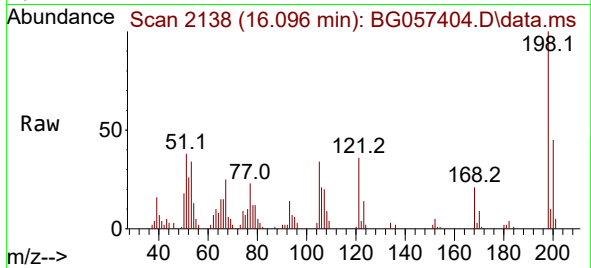




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.996 ng/ul
 RT: 16.096 min Scan# 2138
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

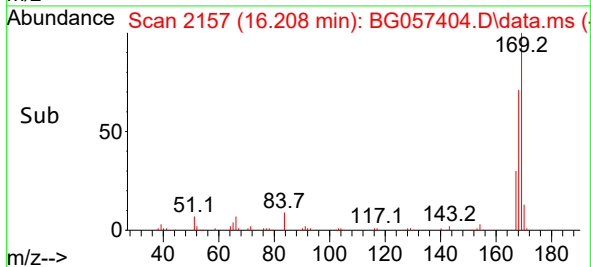
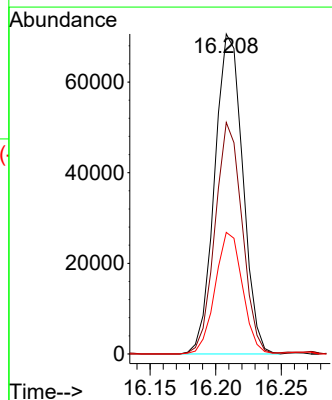
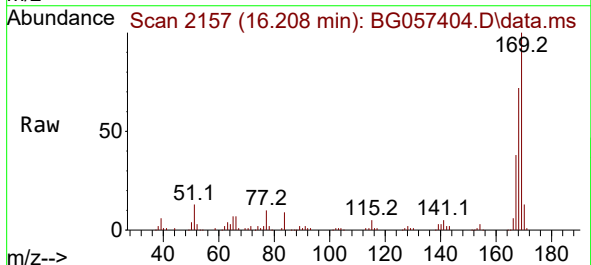
Instrument :
 BNA_G
 ClientSampleId :
 SLCS685

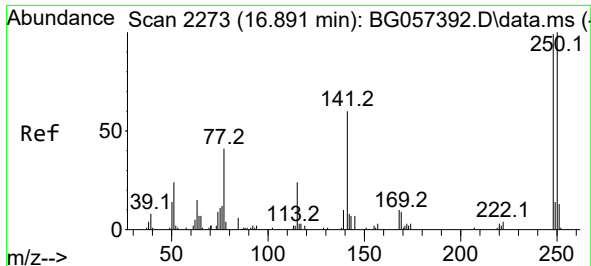
Tgt Ion:198 Resp: 24325
 Ion Ratio Lower Upper
 198 100
 182 3.6 3.0 4.6
 77 23.2 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 30.991 ng/ul
 RT: 16.208 min Scan# 2157
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Tgt Ion:169 Resp: 105229
 Ion Ratio Lower Upper
 169 100
 168 72.3 55.4 83.2
 167 38.0 31.0 46.4

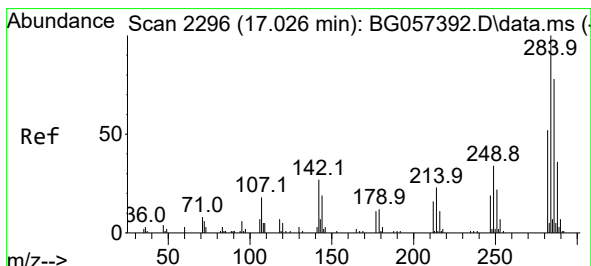
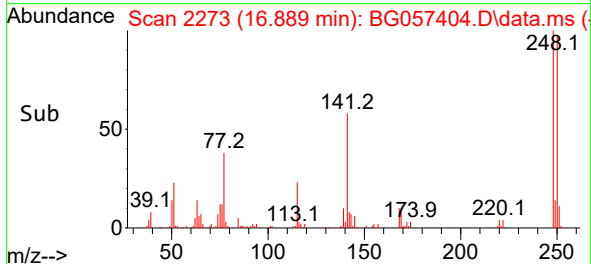
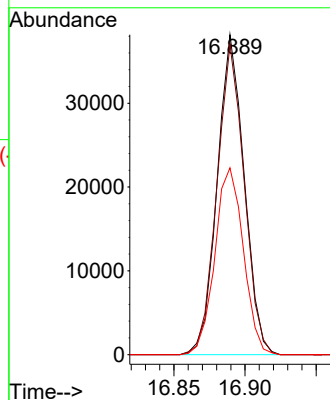
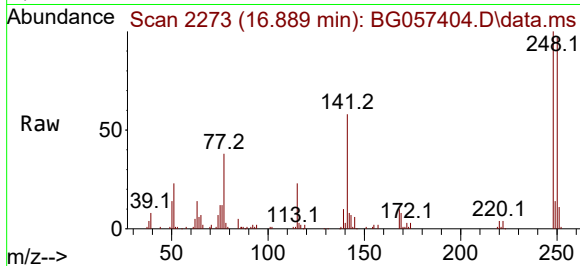




#68
4-Bromophenyl-phenylether
Concen: 32.433 ng/ul
RT: 16.889 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

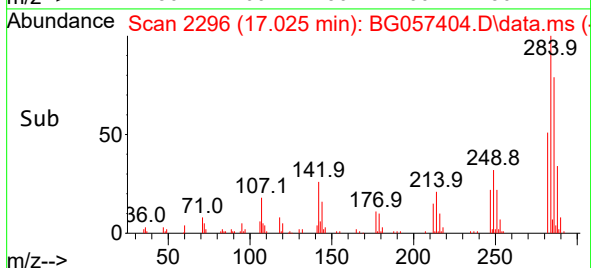
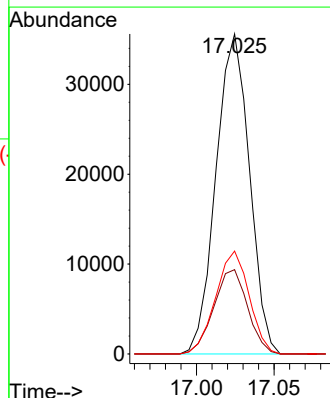
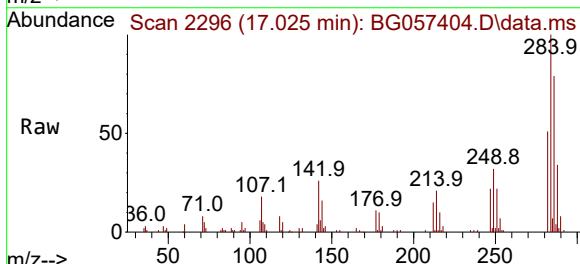
Instrument :
BNA_G
ClientSampleId :
SLCS685

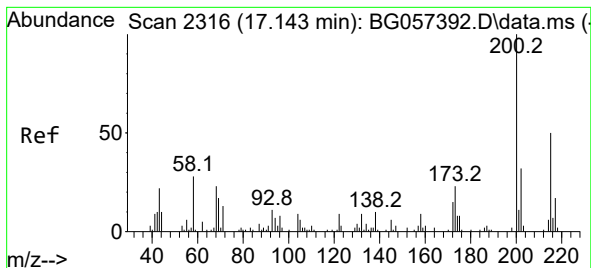
Tgt Ion:248 Resp: 50389
Ion Ratio Lower Upper
248 100
250 96.9 74.8 112.2
141 58.4 47.8 71.6



#69
Hexachlorobenzene
Concen: 32.626 ng/ul
RT: 17.025 min Scan# 2296
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:284 Resp: 53377
Ion Ratio Lower Upper
284 100
142 26.3 22.6 33.8
249 32.2 26.2 39.2





#70

Atrazine

Concen: 22.690 ng/ul

RT: 17.142 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

Instrument :

BNA_G

ClientSampleId :

SLCS685

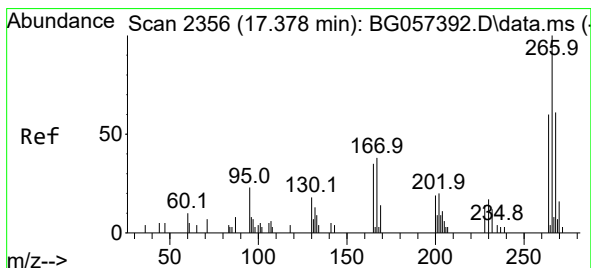
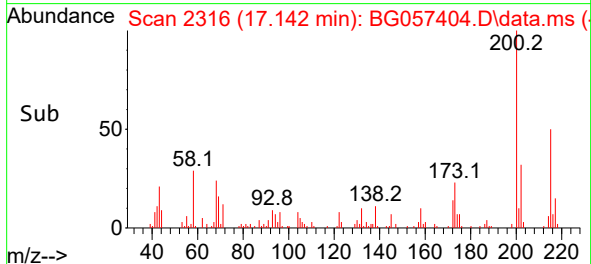
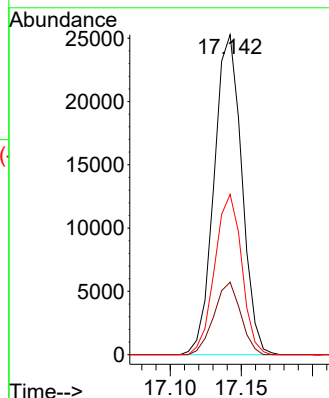
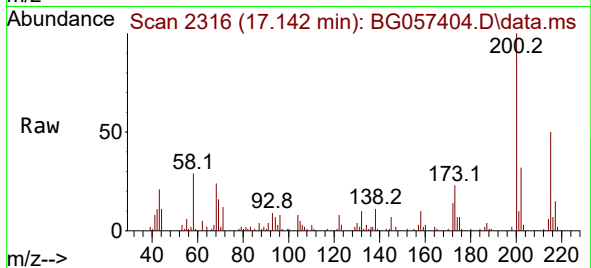
Tgt Ion:200 Resp: 34241

Ion Ratio Lower Upper

200 100

173 22.7 17.8 26.6

215 50.1 40.3 60.5



#71

Pentachlorophenol

Concen: 1.546 ng/ul

RT: 17.442 min Scan# 2367

Delta R.T. 0.069 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

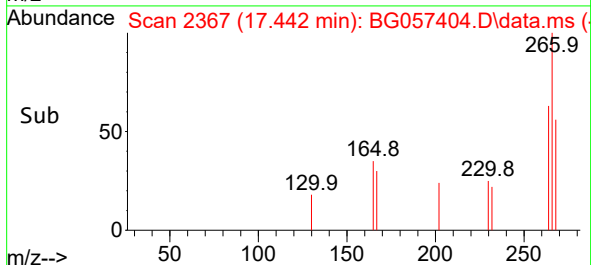
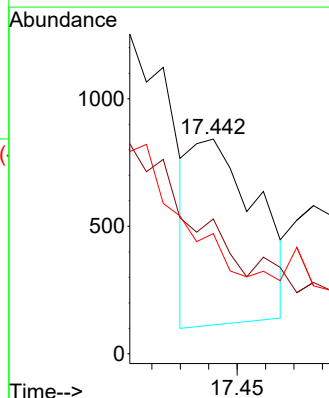
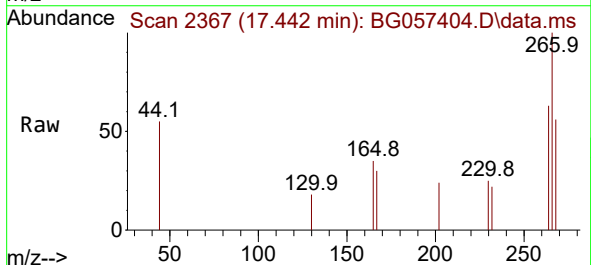
Tgt Ion:266 Resp: 1169

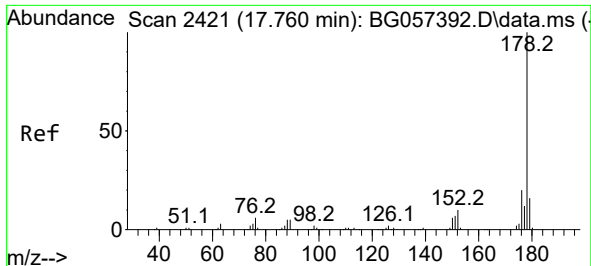
Ion Ratio Lower Upper

266 100

264 62.8 47.8 71.6

268 55.9 48.2 72.4

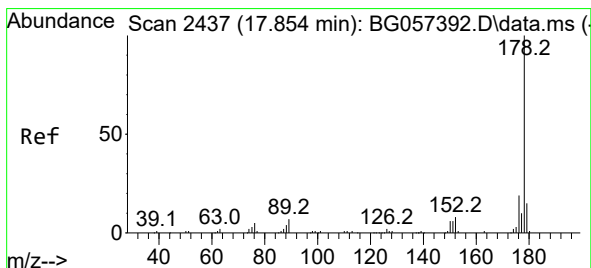
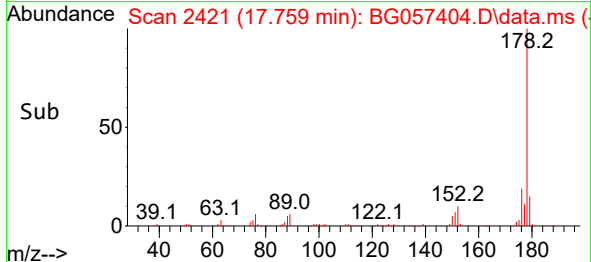
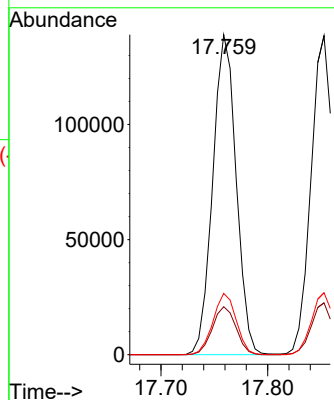
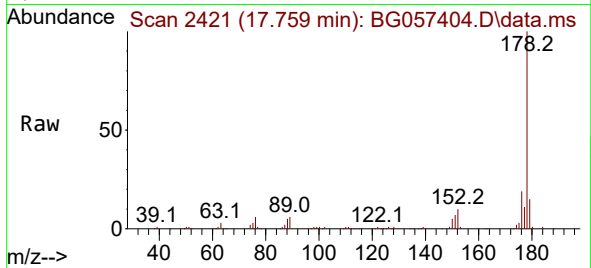




#72
Phenanthrene
Concen: 31.324 ng/ul
RT: 17.759 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

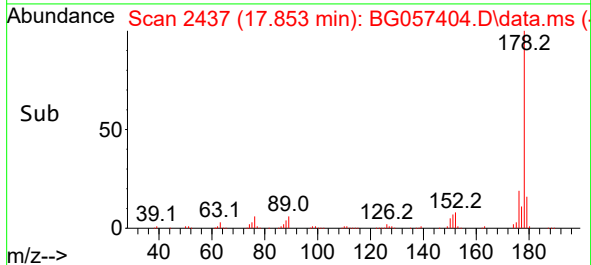
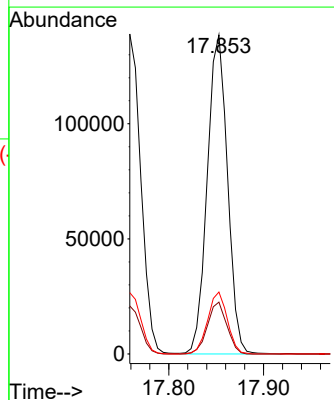
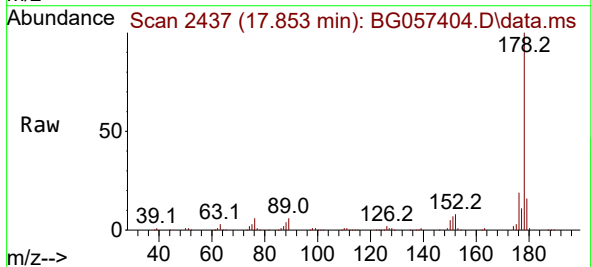
Instrument :
BNA_G
ClientSampleId :
SLCS685

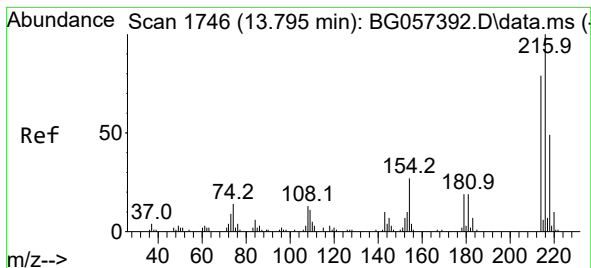
Tgt Ion:178 Resp: 212031
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.8
176 19.2 15.4 23.0



#74
Anthracene
Concen: 30.244 ng/ul
RT: 17.853 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:178 Resp: 205646
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.4 14.7 22.1

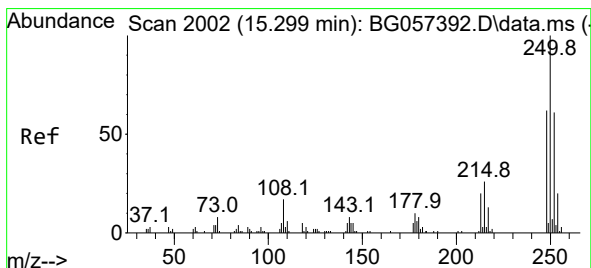
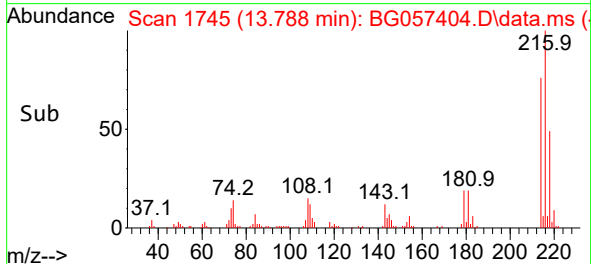
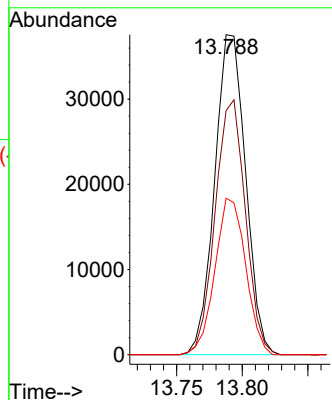
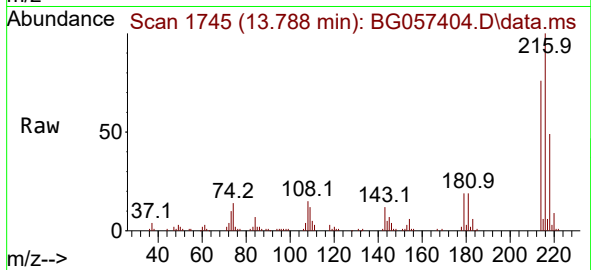




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.507 ng/uL
RT: 13.788 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

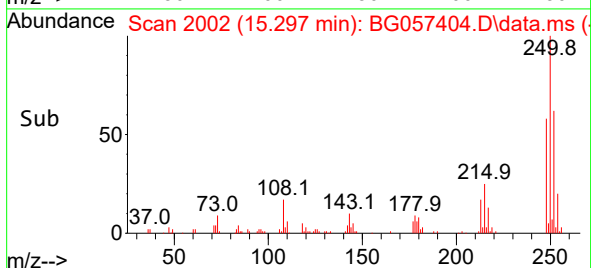
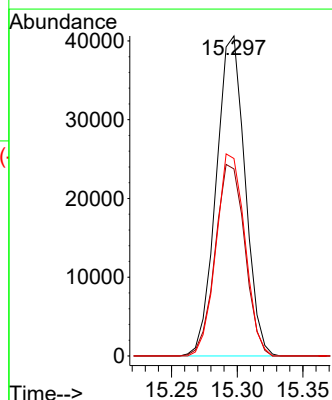
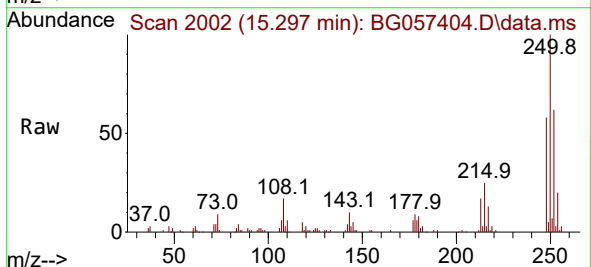
Instrument :
BNA_G
ClientSampleId :
SLCS685

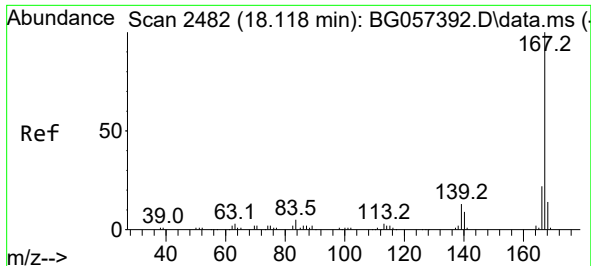
Tgt Ion:216 Resp: 61598
Ion Ratio Lower Upper
216 100
214 76.3 64.3 96.5
218 48.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 31.160 ng/uL
RT: 15.297 min Scan# 2002
Delta R.T. 0.004 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

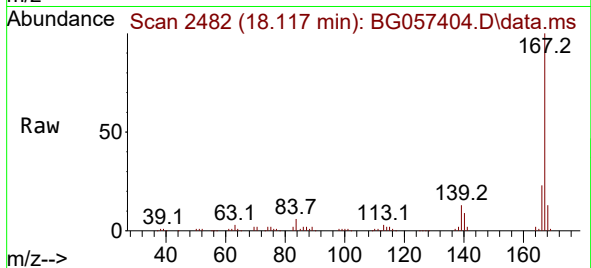
Tgt Ion:250 Resp: 62010
Ion Ratio Lower Upper
250 100
248 58.4 52.2 78.2
252 61.7 52.5 78.7



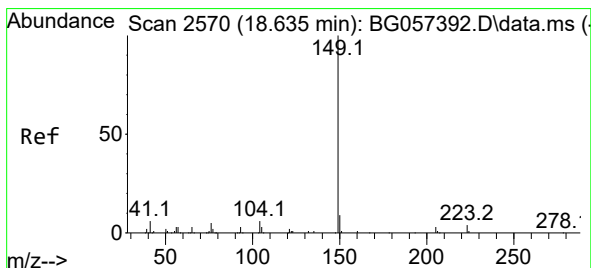
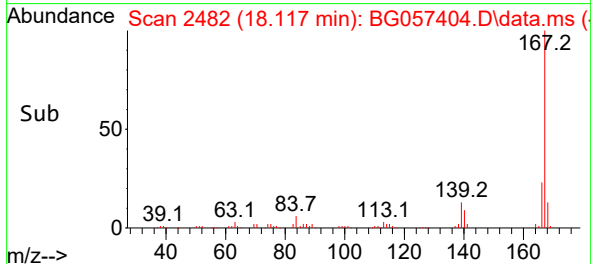
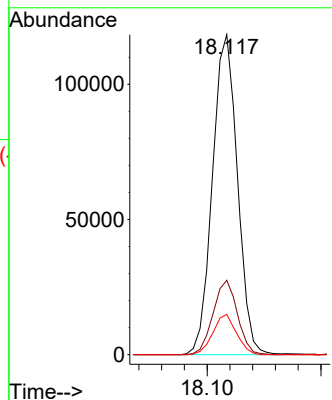


#77
 Carbazole
 Concen: 31.749 ng/ul
 RT: 18.117 min Scan# 2482
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SLCS685

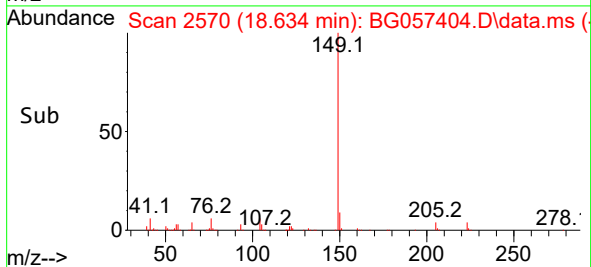
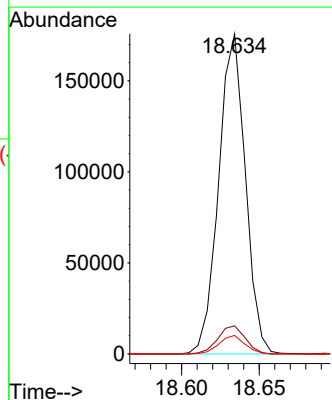
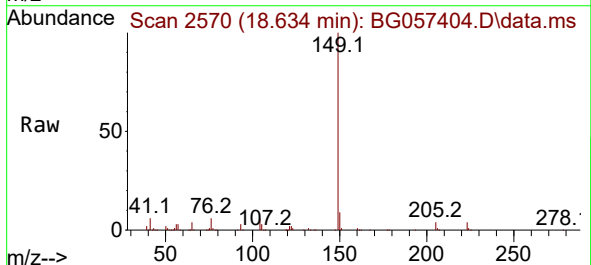


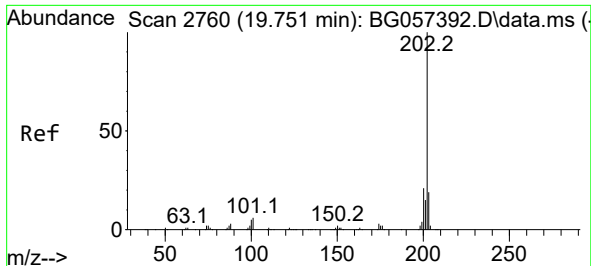
Tgt Ion:167 Resp: 180405
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 12.6 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 32.409 ng/ul
 RT: 18.634 min Scan# 2570
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Tgt Ion:149 Resp: 210587
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.8 5.0 7.6

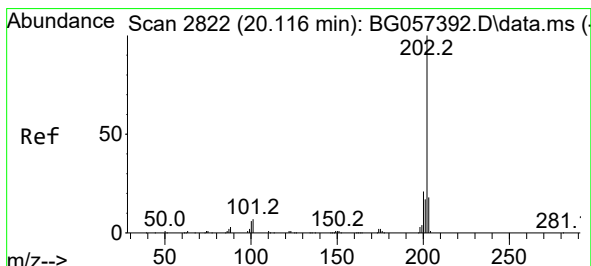
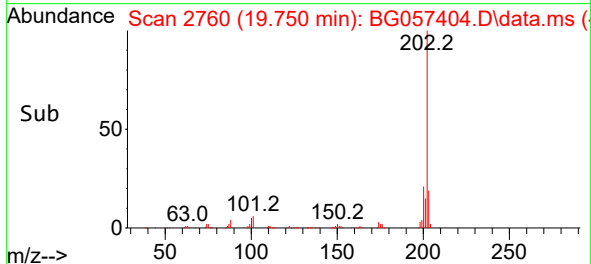
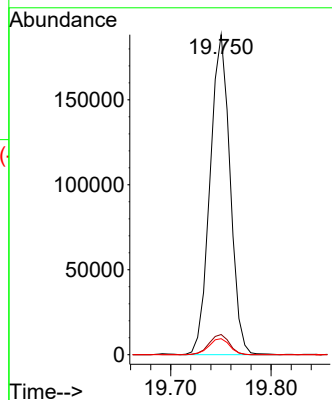
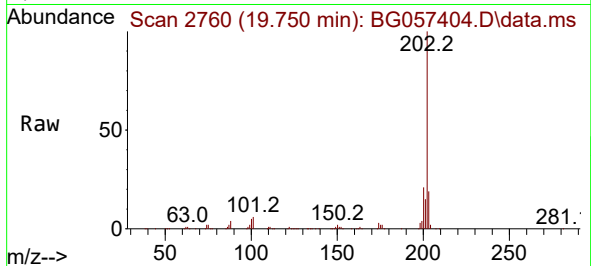




#80
Fluoranthene
Concen: 30.416 ng/ul
RT: 19.750 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

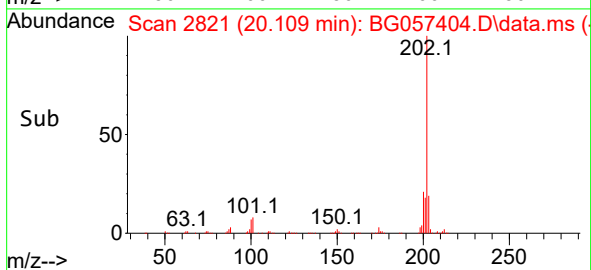
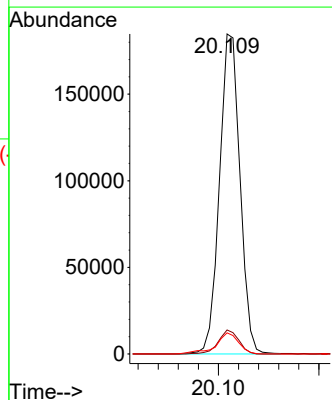
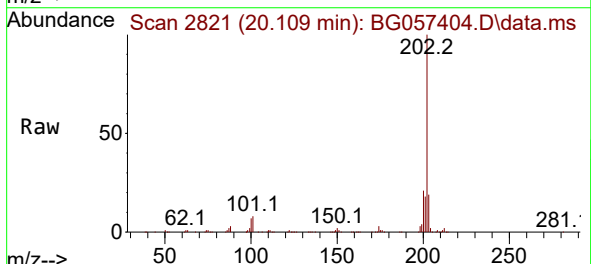
Instrument :
BNA_G
ClientSampleId :
SLCS685

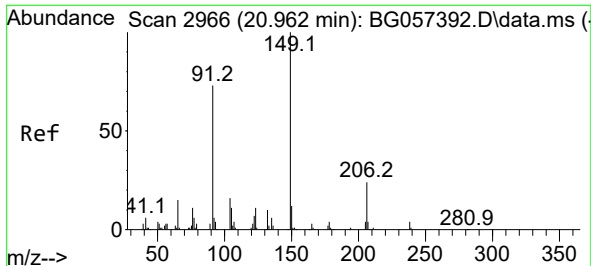
Tgt Ion:202 Resp: 261121
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.6
100 5.0 4.6 7.0



#82
Pyrene
Concen: 30.125 ng/ul
RT: 20.109 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:202 Resp: 261812
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.6 6.0 9.0

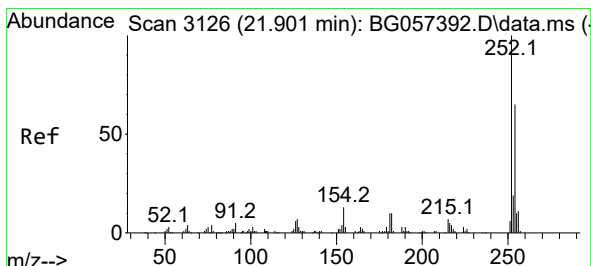
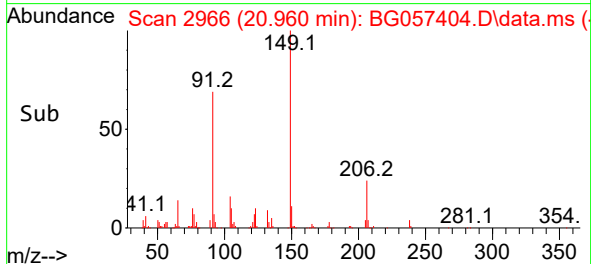
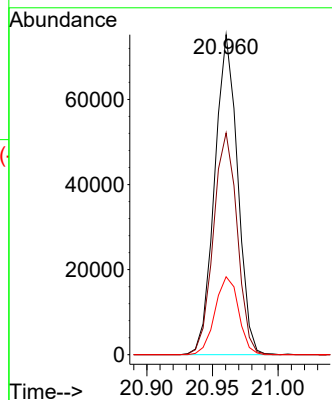
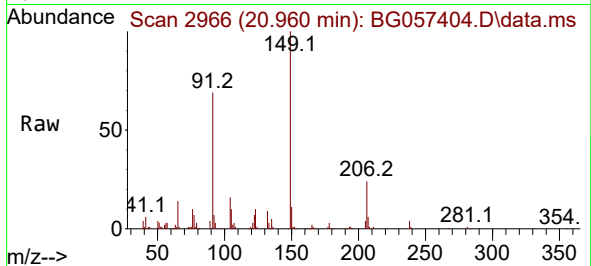




#83
 Butylbenzylphthalate
 Concen: 32.898 ng/ul
 RT: 20.960 min Scan# 2966
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

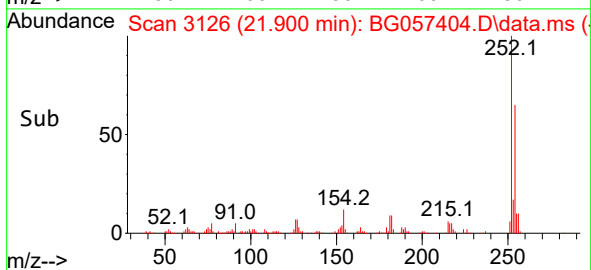
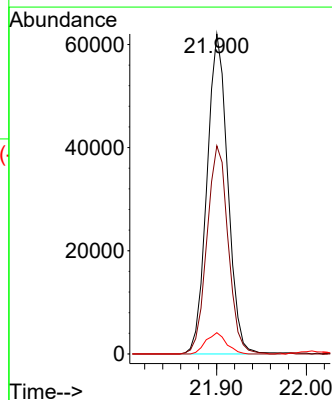
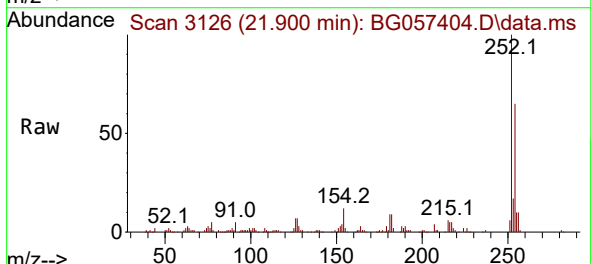
Instrument :
 BNA_G
 ClientSampleId :
 SLCS685

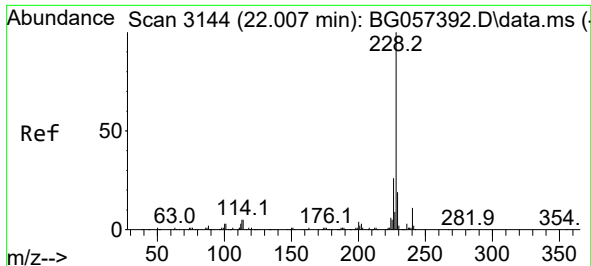
Tgt Ion:	149	Resp:	91560
Ion Ratio	Lower	Upper	
149	100		
91	69.3	58.6	87.8
206	24.4	19.8	29.8



#84
 3,3'-Dichlorobenzidine
 Concen: 36.848 ng/ul
 RT: 21.900 min Scan# 3126
 Delta R.T. -0.001 min
 Lab File: BG057404.D
 Acq: 11 May 2023 18:50

Tgt Ion:	252	Resp:	99638
Ion Ratio	Lower	Upper	
252	100		
254	65.0	53.7	80.5
126	6.7	5.2	7.8

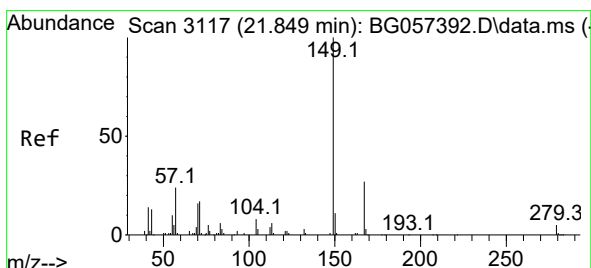
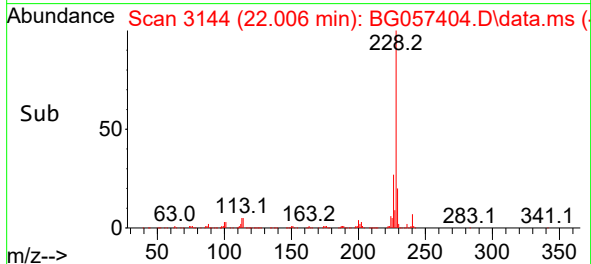
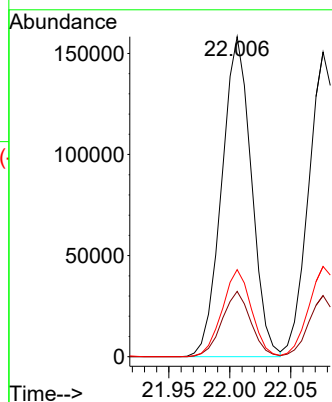
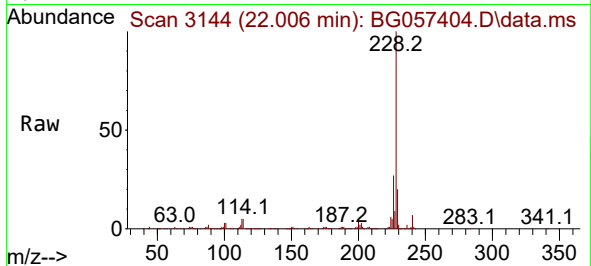




#85
Benzo(a)anthracene
Concen: 31.058 ng/ul
RT: 22.006 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

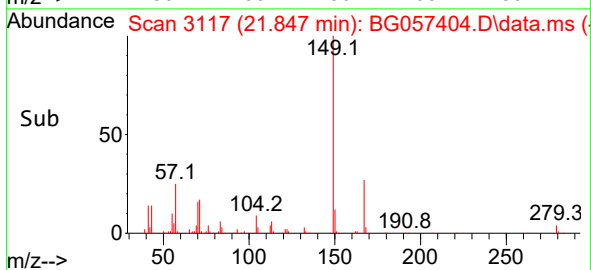
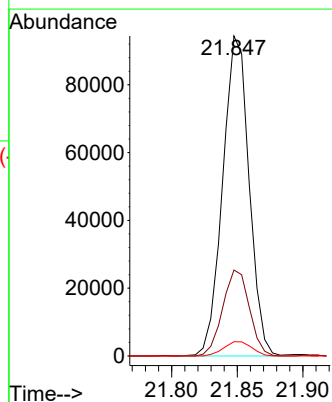
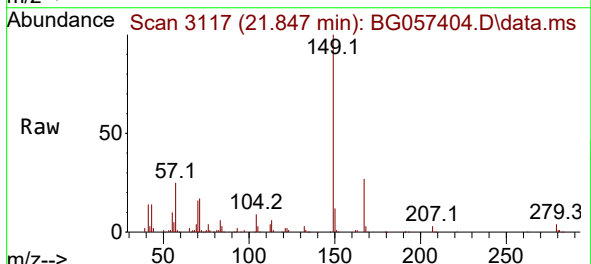
Instrument :
BNA_G
ClientSampleId :
SLCS685

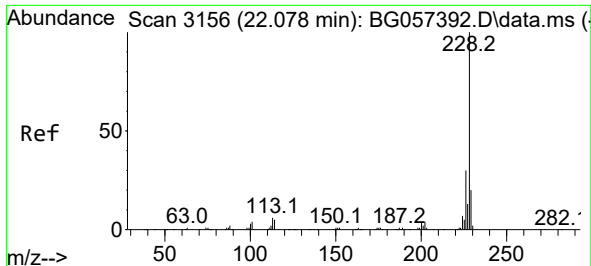
Tgt Ion:228 Resp: 267449
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 27.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.576 ng/ul
RT: 21.847 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:149 Resp: 131864
Ion Ratio Lower Upper
149 100
167 26.9 23.0 34.6
279 4.5 3.6 5.4

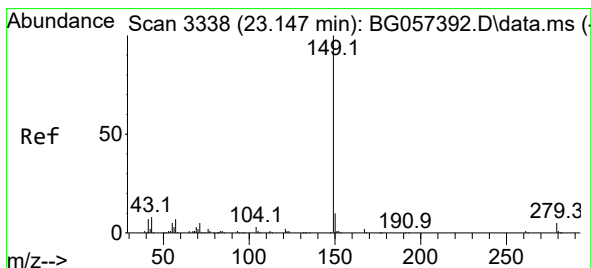
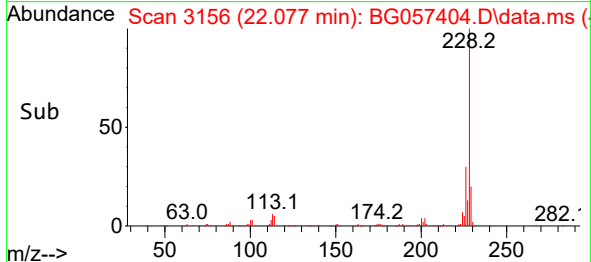
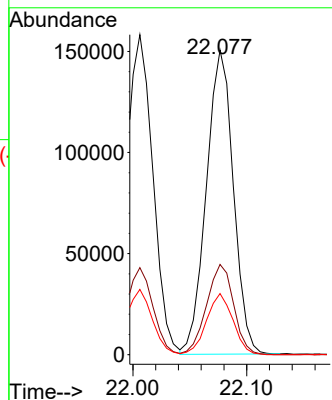
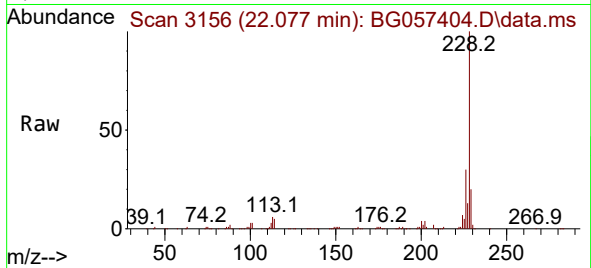




#87
Chrysene
Concen: 30.601 ng/ul
RT: 22.077 min Scan# 3156
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

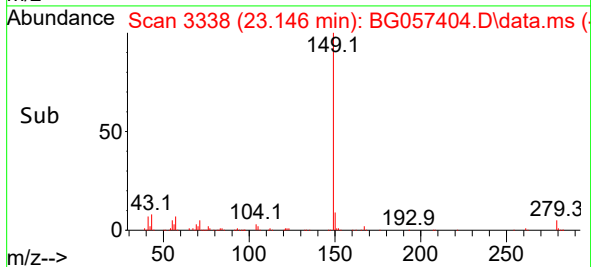
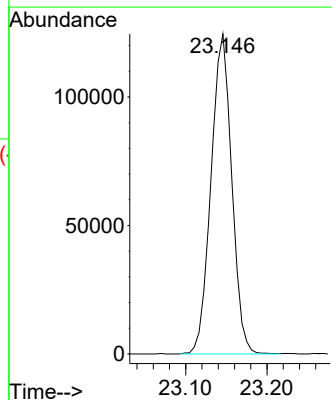
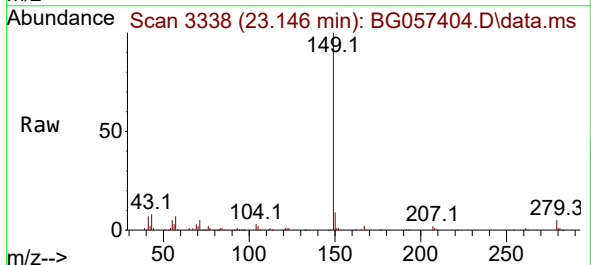
Instrument :
BNA_G
ClientSampleId :
SLCS685

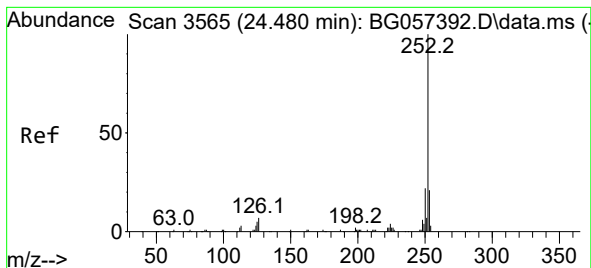
Tgt Ion:228 Resp: 248610
Ion Ratio Lower Upper
228 100
226 29.7 22.8 34.2
229 20.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 30.876 ng/ul
RT: 23.146 min Scan# 3338
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:149 Resp: 220990





#90

Benzo(b)fluoranthene

Concen: 30.905 ng/ul

RT: 24.403 min Scan# 3552

Delta R.T. -0.007 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

Instrument :

BNA_G

ClientSampleId :

SLCS685

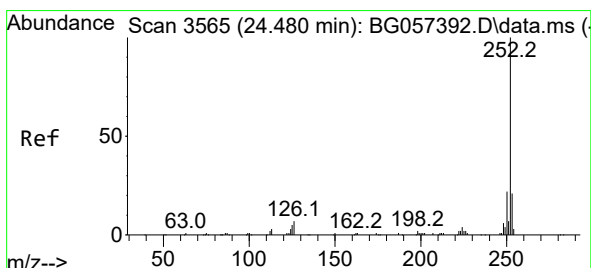
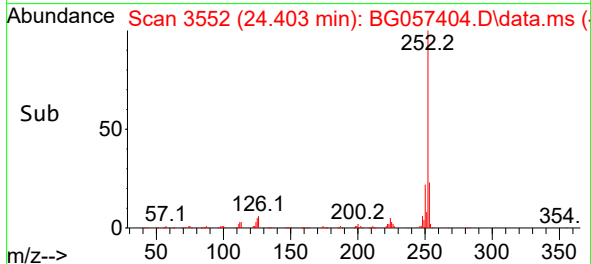
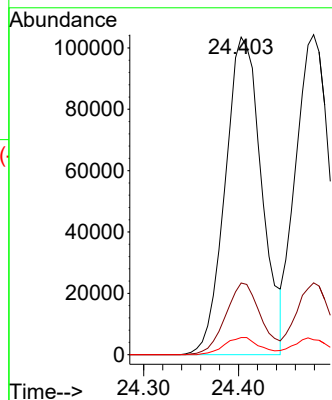
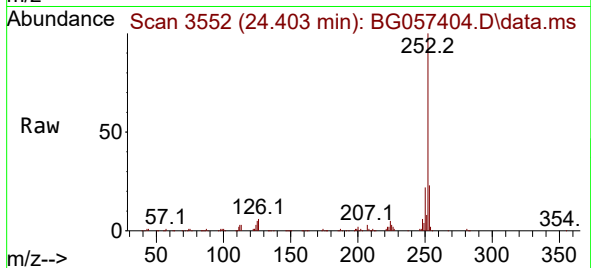
Tgt Ion:252 Resp: 277381

Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

125 5.4 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 29.719 ng/ul

RT: 24.479 min Scan# 3565

Delta R.T. -0.001 min

Lab File: BG057404.D

Acq: 11 May 2023 18:50

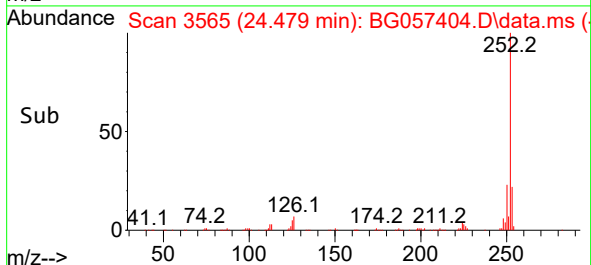
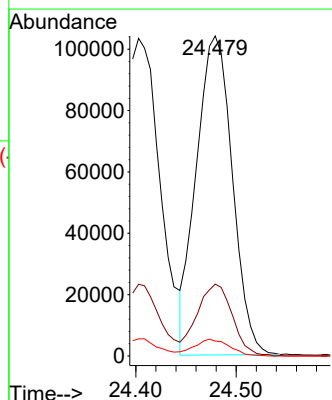
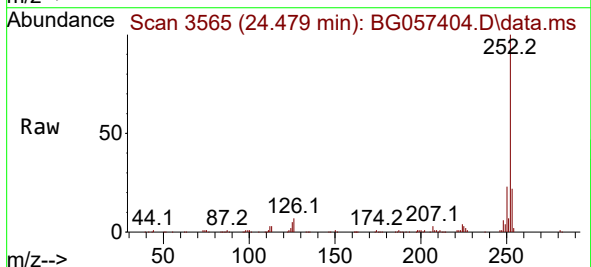
Tgt Ion:252 Resp: 259508

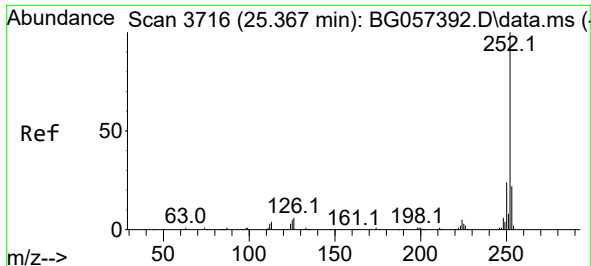
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 4.7 4.5 6.7

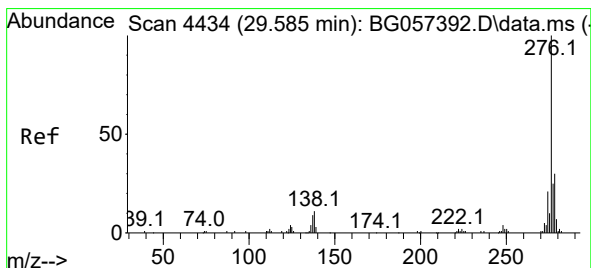
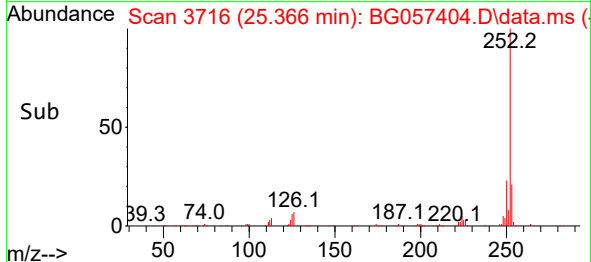
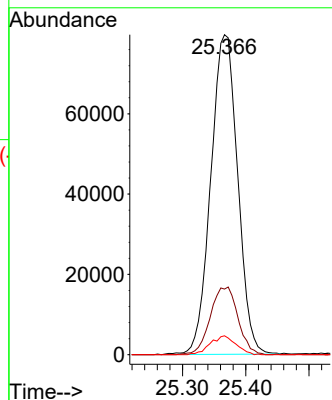
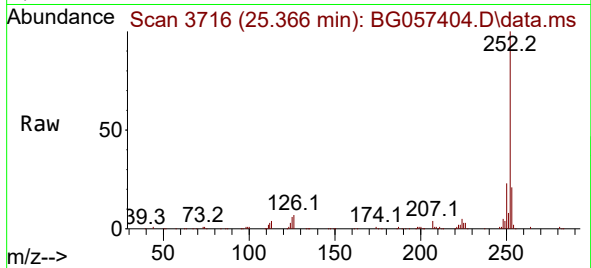




#93
Benzo(a)pyrene
Concen: 30.332 ng/ul
RT: 25.366 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

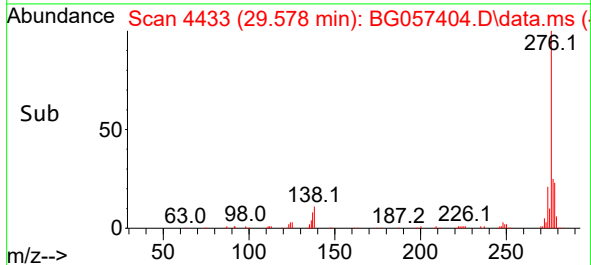
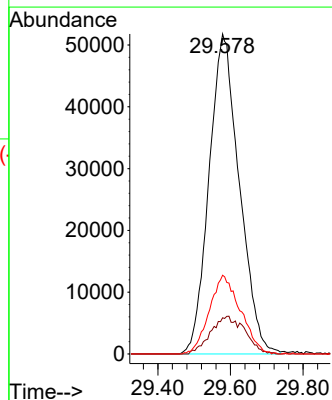
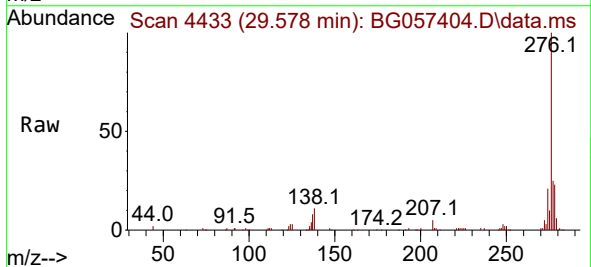
Instrument :
BNA_G
ClientSampleId :
SLCS685

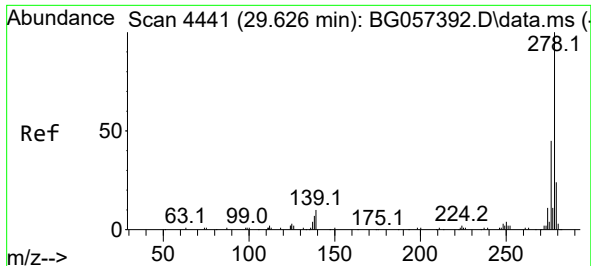
Tgt Ion:252 Resp: 235032
Ion Ratio Lower Upper
252 100
253 20.5 17.2 25.8
125 5.9 5.1 7.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 30.983 ng/ul
RT: 29.578 min Scan# 4433
Delta R.T. -0.007 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:276 Resp: 300107
Ion Ratio Lower Upper
276 100
138 11.3 9.4 14.2
277 24.6 18.6 28.0

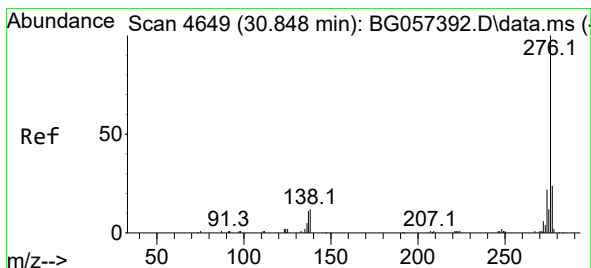
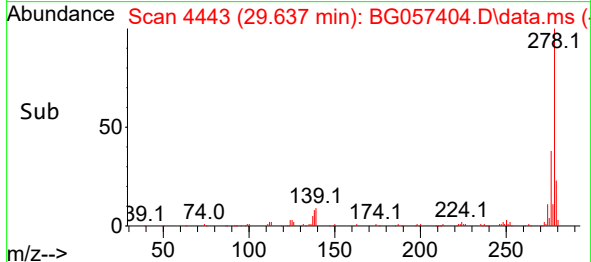
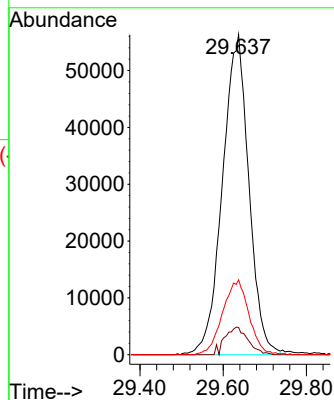
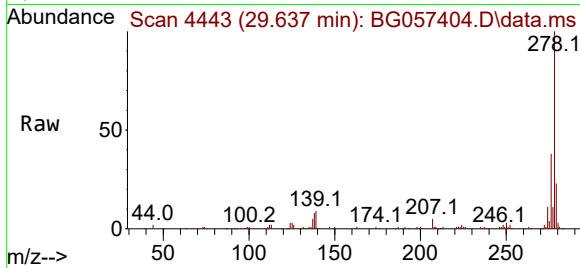




#95
Dibenzo(a,h)anthracene
Concen: 30.796 ng/ul
RT: 29.637 min Scan# 4443
Delta R.T. -0.007 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Instrument :
BNA_G
ClientSampleId :
SLCS685

Tgt Ion:278 Resp: 247346
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.6
279 23.4 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 30.594 ng/ul
RT: 30.853 min Scan# 4650
Delta R.T. -0.001 min
Lab File: BG057404.D
Acq: 11 May 2023 18:50

Tgt Ion:276 Resp: 239827
Ion Ratio Lower Upper
276 100
138 11.4 8.7 13.1
277 24.2 18.4 27.6

